

**STAGE 0**  
**Preliminary Scope and Budget Checklist**

**A. Project Background**

District 05 – Monroe Parish Ouachita

Route US 80 Control Section 001-09

Begin Log Mile 12.260 End Log Mile 13.576

Project Category (Safety, Capacity, etc.): Safety, Capacity, Access Management

Date Study Completed: June 10, 2015

Describe the existing facility:

Functional classification: Minor Arterial Number and width of lanes: 2 – 12'

Shoulder width and type: 6' paved shoulders Mode: Urban

Access control: No Control ADT: 8,700 vpd to 18,100 vpd near Well Rd. Posted Speed: 45 mph

Describe any existing pedestrian facilities (ADA compliance should be considered for all improvements that include pedestrian facilities): There are currently no pedestrian facilities except paved shoulders. No pedestrians have been witnessed within the project limits. No crashes involving pedestrians or bikes were recorded.

Describe the adjacent land use: Adjacent land use is commercial with streets feeding residential.

Who is the sponsor of the study? DOTD District 05

List study team members: Natalie Sistrunk, Bridget Skinner

Will this project be adding miles to the state highway system (new alignment, new facility)? If yes, has a transfer of ownership been initiated with the appropriate entity? No

Are there recent, current or near future planning studies or projects in the vicinity? Yes

If yes, please describe the relationship of this project to those studies/projects. There is currently a project number, H.009932, to widen US 80 within these project limits. Also, a project, H.000163, to replace and widen the On System – Steep Bayou Bridge. The bridge is within the project limits and is scheduled to Let 11/18/15.

Provide a brief chronology of these planning study activities: Stage 1 – Environmental is set to begin on H.009932 in the near future: to be completed by a consultant. The bridge project will begin after its letting at the end of 2015.

**B. Purpose and Need**

State the Purpose (reason for proposing the project) and Need (problem or issue)/Corridor Vision and a brief scope of the project. Also, identify any additional goals and objectives for the project.

The purpose of this project is to reconstruct US 80 in such a way to increase safety in this corridor. The project limits as described in this Stage 0 have been on the 2011, 2012, and 2013 Abnormal Crash Section Lists. The number of non-intersection and intersection rear ends are 1.4 times the state averages for this type of highway facility. From the crash reports, these rear end crashes are occurring due to traffic stopped waiting to make a left turn into businesses or side streets. This project should provide left turn facilities for any left turning or u-turning vehicles so that they are no longer impeding US 80 through traffic.

**C. Agency Coordination**

Provide a brief synopsis of coordination with federal, tribal, state and local environmental, regulatory and resource agencies.

N/A

\_\_\_\_\_

What transportation agencies were included in the agency coordination effort?

N/A

Describe the level of participation of other agencies and how the coordination effort was implemented.

N/A

\_\_\_\_\_

\_\_\_\_\_

**C. Agency Coordination (Continued)**

What steps will need to be taken with each agency during NEPA scoping?

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N/A

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**D. Public Coordination**

Provide a synopsis of the coordination effort with the public and stakeholders; include specific timelines, meeting details, agendas, sign-in sheets, etc. (if applicable).

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N/A

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**E. Range of Alternatives – Evaluation and Screening**

Give a description of the project concept for each alternative studied.

What are the major design features of the proposed facility (attach aerial photo with concept layout, if applicable).

An alternative has not been selected, but will be decided in the Environmental Stage. The current project (H.009932) is a capacity project that calls for a 4-lane divided highway from Avant Road to Well Road (LM 13.076 – 13.576). A 4-lane divided highway would satisfy the purpose and need of the project by providing access management to businesses and providing left turn lanes for motorists turning left or making a U-turn.

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Another alternative that would satisfy the purpose and need would be a 3-lane section, where the center lane would be a two-way left turn lane (TWLTL). This TWLTL would provide a refuge for vehicles wanting to turn left into private businesses.

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If traffic analysis reveals that a 3-lane configuration would not function at an acceptable level of service, the project could include a 4-lane divided section that transitions to a 3-lane section where the ADT drops to an acceptable level.

Will design exceptions be required? None foreseen at this time.

What impact would this project have on freight movements? None foreseen at this time.

Does this project cross or is it near a railroad crossing? No.

DOTD's "Complete Streets" policy should be taken into consideration. Per the policy, any exception for not accommodating bicyclists, pedestrians and transit users will require the approval of the DOTD chief engineer. For exceptions on Federal-aid highway projects, concurrence from FHWA must also be obtained. In addition any exception in an urbanized area, concurrence from the MPO must also be obtained.

- Describe how the project will implement the policy or include a brief explanation of why implementing the policy would not be feasible. There are currently no pedestrian facilities existing. No pedestrian demand has been witnessed or recorded. At this time, the City of West Monroe has not been contacted about building or maintaining pedestrian facilities at the subject location.

How are Context Sensitive Solutions being incorporated into the project? N/A

Was the DOTD's "Access Management" policy taken into consideration? If so, describe how. If the 4-lane divided highway alternative is selected, the Access Management policy will be used in determining median opening type and location. It will also convert business driveways from full access to right-in/ right-out only.

Were any safety analyses performed? If so describe results. A high level safety analysis was completed. All crash reports were read and the crash query edited. The crash data was then inputted to the Roadway Safety Triage – Revision 4-14-2015 provided by the DOTD Safety Section. The analysis confirmed abnormal status and identify collision types that exceeded statewide averages. The crash query with descriptions and the crash analysis is attached to this Stage 0.

Are there any abnormal crash locations or overrepresented crashes within the project limits? Yes.

**E. Range of Alternatives – Evaluation and Screening (Continued)**

What future traffic analyses are anticipated? TBD in Stage 1

Will fiber optics be required? If so, are there existing lines to tie into? No

Are there any future ITS/traffic considerations? No

What is the required Transportation Management Plan (TMP) level as defined by EDSM No. VI.1.1.8? 2  
Please attach documentation required for Stage 0 for this level TMP.

Was Construction Transportation Management/Property Access taken into consideration? No

Were alternative construction methods considered to mitigate work zone impacts? No

Describe screening criteria used to compare alternatives and from what agency the criteria were defined.  
Alternative not yet selected.

Give an explanation for any alternative that was eliminated based on the screening criteria.  
Alternative not yet selected.

Which alternatives should be brought forward into NEPA and why? 1) 4-lane divided, 2) 3-lane with center TWLTL. Both alternatives would improve safety and flow of US 80.

Did the public, stakeholders and agencies have an opportunity to comment during the alternative screening process? Not as of yet.

Describe any unresolved issues with the public, stakeholders and/or agencies.  
None at this time.

**F. Planning Assumptions and Analytical Methods**

What is the forecast year used in the study? TBD in Stage 1

What method was used for forecasting traffic volumes? TBD in Stage 1

Are the planning assumptions and the corridor vision/purpose and need statement consistent with the long range transportation plan? Yes

What future year policy and/or data assumptions were used in the transportation planning process as they are related to land use, economic development, transportation costs and network expansion? N/A

**G. Potential Environmental Impacts**

See the attached Stage 0 Environmental Checklist

**H. Cost Estimate**

Provide a cost estimate for each feasible alternative:

	4-lane divided Well-Avant	3-lane Well-Vancil
• Engineering Design:	<u>\$750,000</u>	<u>\$280,000</u>
• Additional Traffic Analyses:	<u>In-house</u>	<u>In-house</u>
• Environmental Processing:	<u>underway</u>	<u>underway</u>
• Mitigation:	<u></u>	<u></u>
• R/W Acquisition: (C of A if applicable)	<u>\$2,400,000</u>	<u></u>
• Utility Relocations:	<u>\$360,000</u>	<u>\$200,000</u>
• Construction (including const. traffic management):	<u>\$4,800,000</u>	<u>\$3,290,000</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$8,310,000</u></b>	<b><u>\$3,770,000</u></b>

	Combo: 4-lane divided Well-Avant & 3-lane Avant-Vancil
• Engineering Design:	<u>\$750,000</u>
• Additional Traffic Analyses:	<u>In-house</u>
• Environmental Processing:	<u>underway</u>
• Mitigation:	<u></u>
• R/W Acquisition: (C of A if applicable)	<u>\$2,400,000</u>
• Utility Relocations:	<u>\$400,000</u>
• Construction (including const. traffic management):	<u>\$6,840,000</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$10,390,000</u></b>

**I. Expected Funding Source(s) (Highway Priority Program, CMAQ, Urban Systems, Fed/State earmarks, etc.)** Capacity, HSIP, Access Management

**ATTACH ANY ADDITIONAL DOCUMENTATION**

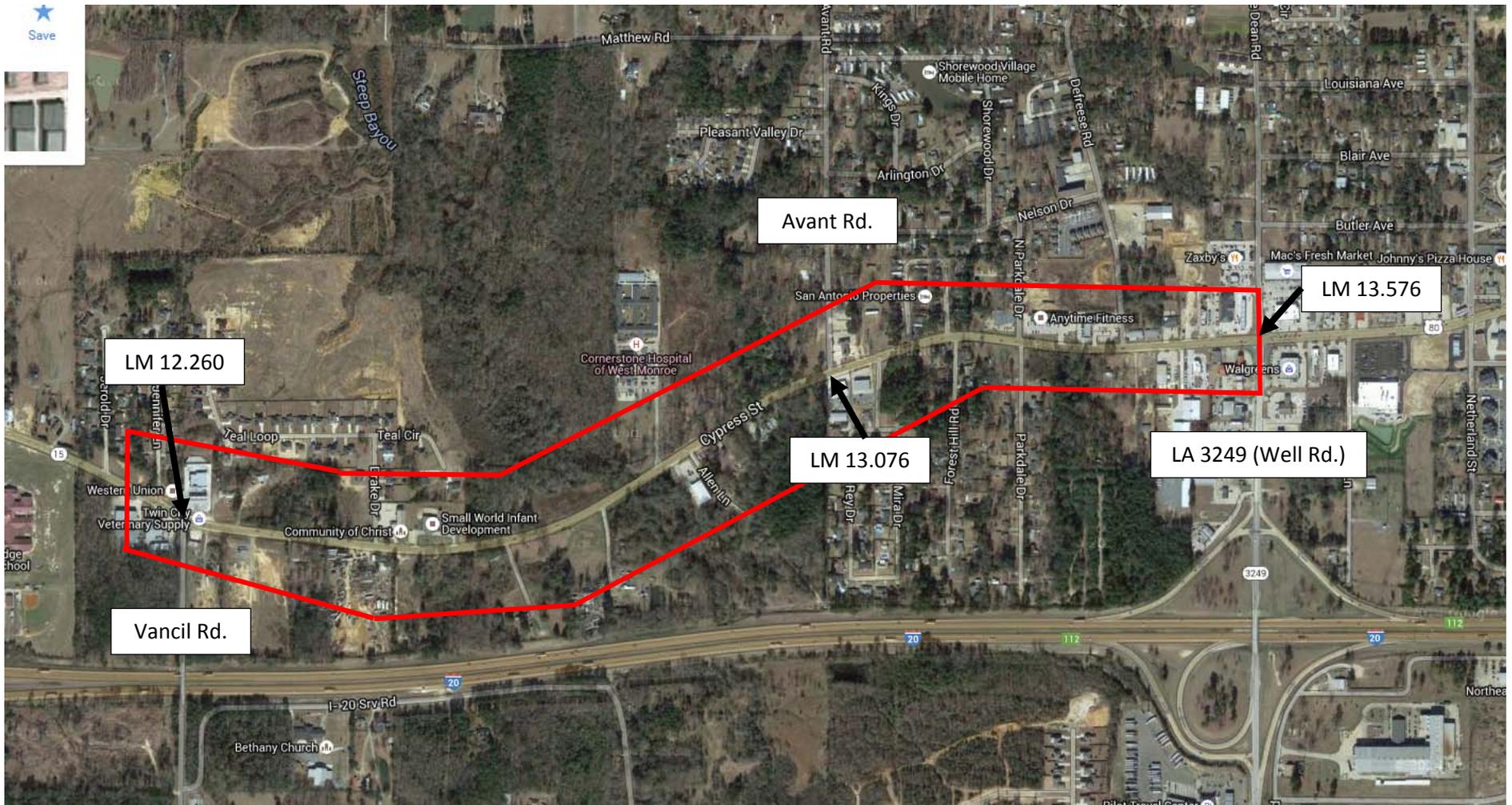
**Disposition (circle one):** (1) Advance to Stage 1    (2) Hold for Reconsideration    (3) Shelve

# US 80: VANCIL ROAD TO LA 3249 (WELL ROAD)

CONTROL SECTION 001-09 LOG MILE 12.260 – 13.576

City of West Monroe

Ouachita Parish



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Environmental Checklist**

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Route US 80 Parish: Ouachita

C.S. 001-09 Begin Log mile 12.260 End Log mile 13.576

**ADJACENT LAND USE:** Commercial with streets connecting to residential.

**Any property owned by a Native American Tribe?**  
(Y or N or Unknown) If so, which Tribe? N

**Any property enrolled into the Wetland Reserve Program?**  
(Y or N or Unknown) If so, give the location N

**Are there any other known wetlands in the area?**  
(Y or N) If so, give the location N

**Community Elements: Is the project impacting or adjacent to any** (if the answer is yes, list names and locations):

(Y or N) Cemeteries N

(Y or N) Churches Yes, Claiborne United Methodist, Claiborne Assembly of God, & Community of Christ.

(Y or N) Schools West Ridge Middle School is just outside the project limits.

(Y or N) Public Facilities (i.e., fire station, library, etc.) Y, Cornerstone Hospital of West Monroe

(Y or N) Community water well/supply N

**Section 4(f) issue: Is the project impacting or adjacent to any** (if the answer is yes, list names and locations):

(Y or N) Public recreation areas N

(Y or N) Public parks N

(Y or N) Wildlife Refuges N

(Y or N) Historic Sites N

**Is the project impacting, or adjacent to, a property listed on the National Register of Historic Places?**  
(Y or N) **Is the project within a historic district or a national landmark district?** (Y or N) If the answer is yes to either question, list names and locations below:

N, and N

**Do you know of any threatened or endangered species in the area?** (Y or N)  
If so, list species and location. N

**Does the project impact or adjacent to a stream protected by the Louisiana Scenic Rivers Act?** (Y or N) If yes, name the stream. N

**Are there any Significant Trees as defined by EDSM I.1.1.21 within proposed ROW?** (Y or N) If so, where? N

**What year was the existing bridge built?** Is schedule for reconstruction in 2016.

**Are any waterways impacted by the project considered navigable?** (Y or N) If unknown, state so, list the waterways: N

**Hazardous Material: Have you checked the following DEQ and EPA databases for potential problems?** (If the answer is yes, list names and locations.)

(Y or N) Leaking Underground Storage Tanks Check and not on list

(Y or N) CERCLIS Check and none found

(Y or N) ERNS None found or expected.

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(Y or N) Enforcement and Compliance History Yes, Cornerstone Hospital of West Monroe (CHG Hospital LLC), also some just outside the limits (such as Westlake Subdivision System #2 on Vancil Rd. and Walgreens and CVS on opposite corners of US 80 and Well Rd.)

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**Underground Storage Tanks (UST): Are there any Gasoline Stations or other facilities that may have UST on or adjacent to the project?** (Y or N) N

If so, give the name and location: \_\_\_\_\_

**Any chemical plants, refineries or landfills adjacent to the project?** (Y or N) **Any large manufacturing facilities adjacent to the project?** (Y or N) **Dry Cleaners?** (Y or N) If yes to any, give names and locations: N, N, N

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**Oil/Gas wells: Have you checked DNR database for registered oil and gas wells?** (Y or N) List the type and location of wells being impacted by the project. Y, Well information attached. Well abandoned in 1992.

**Are there any possible residential or commercial relocations/displacements?** (Y or N)  
How many? Unknown

**Do you know of any sensitive community or cultural issues related to the project?** (Y or N)  
If so, explain N

**Is the project area population minority or low income?** (Y or N) Unknown

**What type of detour/closures could be used on the job?** Along with being the only route in which residents can access their homes and businesses, US 80 is a detour route of I-20; therefore, detour and closure is not considered to be a possibility.

**Did you notice anything of environmental concern during your site/windshield survey of the area?** If so, explain below.  
N

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**Bridget Skinner**

**Point of Contact**

**(318) 342 - 0124**

**Phone Number**

**June 10, 2015**

**Date**

# STAGE 0

## Environmental Checklist

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### General Explanation:

To adequately consider projects in Stage 0, some consideration must be given to the human and natural environment which will be impacted by the project. The Environmental Checklist was designed knowing that some environmental issues may surface later in the process. This checklist was designed to obtain basic information, which is readily accessible by reviewing public databases and by visiting the site. It is recognized that some information may be more accessible than other information. Some items on the checklist may be more important than others depending on the type of project. It is recommended that the individual completing the checklist do their best to answer the questions accurately. Feel free to comment or write any explanatory comments at the end of the checklist.

### The Databases:

To assist in gathering public information, the previous sheet includes web addresses for some of the databases that need to be consulted to complete the checklist. As of February 2011, these addresses were accurate.

Note that you will not have access to the location of any threatened or endangered (T&E) species. The web address lists only the threatened or endangered species in Louisiana by Parish. It will generally describe their habitat and other information. If you know of any species in the project area, please state so, but you will not be able to confirm it yourself. If you feel this may be an issue, please contact the Environmental Section. We have biologist on staff who can confirm the presence of a species.

### Why is this information important?

Land Use? Indicator of biological issues such as T&E species or wetlands.

Tribal Land Ownership? Tells us whether coordination with tribal nations will be required.

WRP properties? Farmland that is converted back into wetlands. The Federal government has a permanent easement which cannot be expropriated by the State. Program is operated through the Natural Resources Conservation Service (formerly the Soil Conservation Service).

Community Elements? DOTD would like to limit adverse impacts to communities. Also, public facilities may be costly to relocate.

Section 4(f) issues? USDOT agencies are required by law to avoid certain properties, unless a prudent or feasible alternative is not available.

Historic Properties? Tells us if we have a Section 106 issue on the project. (Section 106 of the National Historic Preservation Act) See <http://www.achp.gov/work106.html> for more details.

Scenic Streams? Scenic streams require a permit and may require restricted construction activities.

Significant Trees? Need coordination and can be important to community.

Age of Bridge? Section 106 may apply. Bridges over 50 years old are evaluated to determine if they are eligible for the National Register of Historic Places.

Navigability? If navigable, will require an assessment of present and future navigation needs and US Coast Guard permit.

Hazardous Material? Don't want to purchase property if contaminated. Also, a safety issue for construction workers if right-of-way is contaminated.

Oil and Gas Wells? Expensive if project hits a well.

Relocations? Important to community. Real Estate costs can be substantial depending on location of project. Can result in organized opposition to a project.

Sensitive Issues? Identification of sensitive issues early greatly assists project team in designing public involvement plan.

Minority/Low Income Populations? Executive Order requires Federal Agencies to identify and address disproportionately high and adverse human health and environmental effects on minority or low income populations. (Often referred to as Environmental Justice)

Detours? The detour route may have as many or more impacts. Should be looked at with project. May be unacceptable to the public.

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Louisiana Governor's Office of Indian Affairs:

<http://www.indianaffairs.com/tribes.htm>

Louisiana Wetlands Reserve Program:

<http://www.nrcs.usda.gov/programs/wrp/states/la.html>

Community Water Well/Supply

<http://sonris.com/default.htm>

Louisiana Department of Wildlife and Fisheries – Wildlife Refuges

<http://www.wlf.louisiana.gov/refuges>

<http://www.fws.gov/refuges/profiles/ByState.cfm?state=LA>

<http://www.fws.gov/refuges/refugelocatomaps/Louisiana.html>

U.S. Fish & Wildlife Service – National Wetlands Inventory:

<http://www.fws.gov/wetlands/>

Louisiana State Historic Sites:

<http://www.crt.state.la.us/parks/ihistoricsiteslisting.aspx>

National Register of Historic Places (Louisiana):

<http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>

<http://www.nationalregisterofhistoricplaces.com/la/state.html>

National Historic Landmarks Program:

<http://www.nps.gov/history/nhl/>

Threatened and Endangered Species Databases:

<http://www.wlf.louisiana.gov/wildlife/louisiana-natural-heritage-program>

Louisiana Scenic Rivers:

<http://www.wlf.louisiana.gov/wildlife/scenic-rivers>

<http://media.wlf.state.la.us/experience/scenicrivers/louisiananaturalandscenicriversdescriptions/>

<http://www.legis.state.la.us/lss/lss.asp?doc=104995>

Significant Tree Policy (EDSM I.1.1.21)

<http://notes1/ppmemos.nsf>

(Live Oak, Red Oak, White Oak, Magnolia or Cypress, aesthetically important, 18" or greater in diameter at breast height and has form that separates it from surrounding or that which may be considered historic.)

CERCLIS (Superfund Sites):

<http://www.epa.gov/superfund/sites/cursites/>

[http://www.epa.gov/enviro/html/cerclis/cerclis\\_query.html](http://www.epa.gov/enviro/html/cerclis/cerclis_query.html)

ERNS - Emergency Response Notification System - Database of oil and hazardous substances spill reports: <http://www.epa.gov/region4/r4data/erns/index.htm>

Enforcement & Compliance History (ECHO)

<http://www.epa-echo.gov/echo/>

DEQ – Underground Storage Tank Program Information:

<http://www.deq.louisiana.gov/portal/tabid/2674/Default.aspx>

Leaking Underground Storage Tanks:

<http://www.deq.state.la.us/portal/tabid/79/Default.aspx>

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**SONRIS – Oil and Gas Well Information & Water Well Information**  
<http://sonris.com/default.htm>

**Environmental Justice (minority & low income)**  
<http://www.fhwa.dot.gov/environment/ej2000.htm>

**Demographics**  
<http://www.census.gov/>

**FHWA’s Environmental Website**  
<http://www.fhwa.dot.gov/environment/index.htm>

Additional Databases Checked

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Other Comments:

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# Well Information

## Review Well Information

**WELLS**

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	PARISH	PROD TYPE	SEC	TWN	RGE	EFFECTIVE DATE	API NUM
151400	CHAP RA SUB;BUIE	001	3174	3391	37	20	030	18N	03E	03/01/1992	17073207110000
PRMT DATE	SPUD DATE	STAT DATE	ST CD								
02/26/1976	02/25/1976	03/23/1992	30								

**WELL SURFACE COORDINATES**

Surface Longitude	Surface Latitude	Lambert X	Lambert Y	Ground Elevation	Zone	Datum
92-12-15.119	32-30-47.16	2091187	671776	0	N	NAD-27

**WELL SURFACE COORDINATES GENERATED BY DNR**

UTMX 83	UTMY 83	LONGITUDE 83	LATITUDE 83
574733.86806891	3597606.22893024	-92.20433827	32.5132447

**BOTTOM HOLE COORD**

EFFECTIVE DATE	END DATE	PLUGBACK TOTAL DEPTH	TRUE VERTICAL DEPTH	MEASURED DEPTH	LAT DEG	LAT MIN	LAT SEC	LONG DEG	LONG MIN	LONG SEC	COORDINATE SOURCE	LAMBERT X	LAMBERT Y	ZONE	COORDINATE SYSTEM
02/01/1976	09/01/1976		0	9600							03	0	0		01
09/01/1976	10/01/1977		0	9616							03	0	0		01

**WELL HISTORY**

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	ST CD	PT	WELL CLASS	EFF DATE	END DATE	STAT DATE
151400	CHAP RA SUB;BUIE	001	3174	3391	30	20		03/01/1992		03/23/1992
151400	CHAP RA SUB;BUIE	001	3174	3391	10	20		01/01/1992	03/01/1992	07/23/1991
151400	CHAP RA SUB;BUIE	001	3174	3391	10	20		10/01/1991	01/01/1992	07/23/1991
151400	CHAP RA SUB;BUIE	001	3174	3391	10	20		07/01/1991	10/01/1991	07/23/1991
151400	CV D RA SUP;BUIE	001	3174	3391	10	20		05/01/1991	07/01/1991	09/06/1976
151400	CV D RA SUP;BUIE	001	3174	3391	10	20		01/01/1991	05/01/1991	09/06/1976
151400	CV D RA SUP;BUIE	001	3174	3391	10	20		08/01/1986	01/01/1991	09/06/1976
151400	CV D RA SUP;BUIE	001	3174	3391	10	20		01/01/1985	08/01/1986	09/06/1976
151400	CV D RA SUP;BUIE	001	3174	3391	10	20		03/01/1981	01/01/1985	09/06/1976
151400	CV D RA SUP;BUIE	001	3182	3391	10	20		08/01/1979	03/01/1981	09/06/1976
151400	CV D RA SUP;BUIE	001	3182	3391	10	20		09/01/1978	08/01/1979	09/06/1976
151400	CV D RA SUP;BUIE	001	3182	3391	10	20		10/01/1977	09/01/1978	10/01/1977
151400	CV D RA SUP;BUIE	001	3182	3391	10	20		09/01/1976	10/01/1977	09/01/1976
151400	C V D RA SUP;BUIE	001	3182	3391	01	00		02/01/1976	09/01/1976	02/26/1976

**SCOUT INFO**

REPORT DATE	WELL STATUS	MEASURED DEPTH	TRUE VERT DEPTH	DETAIL
08/09/1991	12	9620		RECOMP 7/12/91, GAS, CHAPMAN, 2100 MCFD, 1 BCD, CK 12/64, GOR 2,100,000/1, BWD -0-, FP 2650, CP-PKR, PERF 8612-8618' (AMEND WELL NAME: CHAP RA SUB;BUIE)

**PERFORATIONS**

SERIAL NUM	COMPLETION DATE	UPPER PERF	LOWER PERF	SANDS	RESERVOIR
151400	07/23/1991	8612	8618	CHAPMAN	
151400	09/06/1976	8906	8929	COTTON VALLEY D	

**WELL TESTS**

RPT TYP	TEST DATE	RPT DATE	OIL POT	COND	GAS DEL	WATER	BSW%	FLOW PRES	SHUTIN PRES	CHOKE	UPPER PERF	LOWER PERF	BOT HOLE PRES
DT-1	02/03/1992	03/01/1992		1	80	0		350	380	24	8612	8618	0
DT-1	11/04/1991	12/01/1991		1	100	0		350	450	12	8612	8618	0
DT-1	08/21/1991	09/01/1991		1	2100	0		2650	3250	12	8612	8618	0
SDM2G	08/01/1991	08/01/1991	0	1	2100	0	0	2650		12	8612	8618	
DT-1	05/18/1991	06/01/1991		1	110	1		320	0	20	8904	8927	0
DT-1	02/18/1991	03/01/1991		1	110	1		320	0	20	8904	8927	0
DT-1	11/18/1990	12/01/1990		1	110	1		320	0	20	8904	8927	0
DT-1	08/18/1990	09/01/1990		1	110	1		320	0	20	8904	8927	0
DT-1	05/18/1990	06/01/1990		1	110	1		320	0	20	8904	8927	0
DT-1	02/18/1990	03/01/1990		1	110	1		320	0	20	8904	8927	0
DT-1	11/18/1989	12/01/1989		1	110	1		320	0	20	8904	8927	0
DT-1	08/18/1989	09/01/1989		1	110	1		320	0	20	8904	8927	0
DT-1	05/18/1989	06/01/1989		1	110	1		320	0	20	8904	8927	0
DT-1	01/18/1989	03/01/1989		1	110	1		320	0	20	8904	8927	0
DT-1	11/18/1988	12/01/1988		1	110	1		320	0	20	8904	8927	0
DT-1	08/18/1988	09/01/1988		1	110	1		320	0	20	8904	8927	0
DT-1	05/18/1988	06/01/1988		1	110	1		320	0	20	8904	8927	0
DT-1	02/18/1988	03/01/1988		1	110	1		320	0	20	8904	8927	0
DT-1	11/17/1987	12/01/1987		1	110	1		320	0	20	8904	8927	0
DT-1	08/17/1987	09/01/1987		1	110	1		320	0	20	8904	8927	0

DT-1	05/17/1987	06/01/1987	1	110	1	320	0	20	8904	8927	0
DT-1	01/17/1987	03/01/1987	1	110	1	320	0	20	8904	8927	0
DT-1	11/11/1986	12/01/1986	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1986	09/01/1986	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1986	06/01/1986	1	110	1	320	0	20	8904	8927	0
DT-1	02/17/1986	03/01/1986	1	110	1	320	0	20	8904	8927	0
DT-1	11/17/1985	12/01/1985	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1985	09/01/1985	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1985	06/01/1985	1	110	1	320	0	20	8904	8927	0
DT-1	02/17/1985	03/01/1985	1	110	1	320	0	20	8904	8927	0
DT-1	11/17/1984	12/01/1984	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1984	09/01/1984	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1984	06/01/1984	1	110	1	320	0	20	8904	8927	0
DT-1	02/17/1984	03/01/1984	1	110	1	320	0	20	8904	8927	0
DT-1	11/17/1983	12/01/1983	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1983	09/01/1983	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1983	06/01/1983	1	110	1	320	0	20	8904	8927	0
DT-1	02/17/1983	03/01/1983	1	110	1	320	0	20	8904	8927	0
DT-1	11/17/1982	12/01/1982	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1982	09/01/1982	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1982	06/01/1982	1	110	1	320	0	20	8904	8927	0
DT-1	02/17/1982	03/01/1982	1	110	1	320	0	20	8904	8927	0
DT-1	11/17/1981	12/01/1981	1	110	1	320	0	20	8904	8927	0
DT-1	08/17/1981	09/01/1981	1	110	1	320	0	20	8904	8927	0
DT-1	05/17/1981	06/01/1981	1	110	1	320	0	20	8904	8927	0
DT-1	02/19/1981	03/01/1981	1	110	1	320	0	20	8904	8927	0
DT-1	11/19/1980	12/01/1980	1	110	1	320	0	20	8904	8927	0
DT-1	08/19/1980	09/01/1980	1	110	1	320	0	20	8904	8927	0
DT-1	05/29/1980	06/01/1980	1	90	1	320	0	20	8904	8927	0
DT-1	02/02/1980	03/01/1980	1	120	1	350	1100	20	8904	8927	0
DT-1	11/02/1979	12/01/1979	1	120	1	350	1100	20	8904	8927	0
DT-1	08/02/1979	09/01/1979	1	110	1	350	1100	20	8904	8927	0
DT-1	05/02/1979	06/01/1979	1	120	1	350	1100	20	8904	8927	0
DT-1	01/06/1979	03/01/1979	3	150	1	400	1675	20	8904	8927	0

WELL ALLOWABLES

EFFECTIVE DATE	END DATE	LWU CODE	LWU TYPE CODE	ALLOWABLE	ESTIMATED POTENTIAL	CURRENT ALLOWABLE TYPE
04/01/1992	06/30/1992	611149	2	0		3
10/01/1991	12/31/1991	611149	2	2100		3
08/01/1991	09/30/1991	611149	2	2100		3
07/23/1991	09/30/1991	611149	2	110		3
07/23/1991	09/30/1991	605416	2	0		3
05/15/1991	06/30/1991	605416	2	0		3
04/01/1983	06/30/1983	605416	2	110		3
10/01/1981	12/31/1981	605416	2	110		3
03/01/1981	03/31/1981	605416	2	110		3
10/01/1980	12/31/1980	605416	2	110		3
07/01/1980	09/30/1980	605416	2	90		3
01/01/1980	03/31/1980	605416	2	120		3
10/01/1979	12/31/1979	605416	2	110		3
07/01/1979	09/30/1979	605416	2	120		3
07/01/1978	09/30/1978	605416	2	150		3
04/01/1978	06/30/1978	605416	2	1150		3
01/01/1978	03/31/1978	605416	2	175		3
10/01/1977	12/31/1977	605416	2	275		3

LEASE/UNIT/WELL PRODUCTION

RPT DATE	LWU CODE	STORAGE FAC	DOC USE	WELL CNT	OPENING STK	OIL PROD(BBL)	GAS PROD(MCF)	DISPOSITION	CLOSING STK	PARISH
03/01/1992	611149			0	0	61	0	61	0	OUACHITA
02/01/1992	611149			0	0	0	0	0	0	OUACHITA
01/01/1992	611149			0	0	0	0	0	0	OUACHITA
12/01/1991	611149			1	0	0	53	0	0	OUACHITA
11/01/1991	611149			1	0	0	44	0	0	OUACHITA
10/01/1991	611149			1	0	0	163	0	0	OUACHITA
09/01/1991	611149			1	0	0	3982	0	0	OUACHITA
08/01/1991	611149			1	0	0	4309	0	0	OUACHITA
07/01/1991	611149			0	0	0	0	0	0	OUACHITA
07/01/1991	605416			0	115	0	0	0	115	OUACHITA
06/01/1991	605416			1	97	18	672	0	115	OUACHITA
05/01/1991	605416			1	44	53	1905	0	97	OUACHITA
04/01/1991	605416			1	44	0	399	0	44	OUACHITA

03/01/1991	605416	1	37	7	454	0	44	OUACHITA
02/01/1991	605416	1	37	0	162	0	37	OUACHITA
01/01/1991	605416	1	215	26	1075	204	37	OUACHITA
12/01/1990	605416	1	215	0	1385	0	215	OUACHITA
11/01/1990	605416	1	177	38	1610	0	215	OUACHITA
10/01/1990	605416	1	140	37	1709	0	177	OUACHITA
09/01/1990	605416	1	107	33	1667	0	140	OUACHITA
08/01/1990	605416	1	67	40	1507	0	107	OUACHITA
07/01/1990	605416	1	40	27	1425	0	67	OUACHITA
06/01/1990	605416	1	10	30	1447	0	40	OUACHITA
05/01/1990	605416	1	180	7	1400	177	10	OUACHITA
04/01/1990	605416	1	144	36	1456	0	180	OUACHITA
03/01/1990	605416	1	67	77	1650	0	144	OUACHITA
02/01/1990	605416	1	67	0	1320	0	67	OUACHITA
01/01/1990	605416	1	42	25	1468	0	67	OUACHITA
12/01/1989	605416	1	7	35	1630	0	42	OUACHITA
11/01/1989	605416	1	155	21	1047	169	7	OUACHITA
10/01/1989	605416	1	130	25	1433	0	155	OUACHITA
09/01/1989	605416	1	104	26	1222	0	130	OUACHITA
08/01/1989	605416	1	65	39	2312	0	104	OUACHITA
07/01/1989	605416	1	37	28	2121	0	65	OUACHITA
06/01/1989	605416	1	185	31	1768	179	37	OUACHITA
05/01/1989	605416	1	167	18	1881	0	185	OUACHITA
04/01/1989	605416	1	130	37	1977	0	167	OUACHITA
03/01/1989	605416	1	90	40	1953	0	130	OUACHITA
02/01/1989	605416	1	52	38	1686	0	90	OUACHITA
01/01/1989	605416	1	244	3	1787	195	52	OUACHITA
12/01/1988	605416	1	214	30	1665	0	244	OUACHITA
11/01/1988	605416	1	165	49	1702	0	214	OUACHITA
10/01/1988	605416	1	120	45	2273	0	165	OUACHITA
09/01/1988	605416	1	87	33	1829	0	120	OUACHITA
08/01/1988	605416	1	54	33	1781	0	87	OUACHITA
07/01/1988	605416	1	16	38	2073	0	54	OUACHITA
06/01/1988	605416	1	197	0	1784	181	16	OUACHITA
05/01/1988	605416	1	150	47	1890	0	197	OUACHITA
04/01/1988	605416	1	110	40	1917	0	150	OUACHITA
03/01/1988	605416	1	80	30	1935	0	110	OUACHITA
02/01/1988	605416	1	30	50	1456	0	80	OUACHITA
01/01/1988	605416	1	176	54	1751	200	30	OUACHITA
12/01/1987	605416	1	150	26	1913	0	176	OUACHITA
11/01/1987	605416	1	134	16	1896	0	150	OUACHITA
10/01/1987	605416	1	120	14	1884	0	134	OUACHITA
09/01/1987	605416	1	90	30	1763	0	120	OUACHITA
08/01/1987	605416	1	54	36	2055	0	90	OUACHITA
07/01/1987	605416	1	15	39	1945	0	54	OUACHITA
06/01/1987	605416	1	184	16	1905	185	15	OUACHITA
05/01/1987	605416	1	164	20	1779	0	184	OUACHITA
04/01/1987	605416	1	130	34	1503	0	164	OUACHITA
03/01/1987	605416	1	92	38	1885	0	130	OUACHITA
02/01/1987	605416	1	69	23	1629	0	92	OUACHITA
01/01/1987	605416	1	18	51	1530	0	69	OUACHITA
12/01/1986	605416	1	170	38	1772	190	18	OUACHITA
11/01/1986	605416	1	144	26	1513	0	170	OUACHITA
10/01/1986	605416	1	120	24	1742	0	144	OUACHITA
09/01/1986	605416	1	90	30	1845	0	120	OUACHITA
08/01/1986	605416	1	42	48	1938	0	90	OUACHITA
07/01/1986	605416	1	30	12	1629	0	42	OUACHITA
06/01/1986	605416	1	202	11	1624	183	30	OUACHITA
05/01/1986	605416	1	200	2	1267	0	202	OUACHITA
04/01/1986	605416	1	180	20	1525	0	200	OUACHITA
03/01/1986	605416	1	157	23	1520	0	180	OUACHITA
02/01/1986	605416	1	139	18	1338	0	157	OUACHITA
01/01/1986	605416	1	107	32	1288	0	139	OUACHITA
12/01/1985	605416	1	85	22	1200	0	107	OUACHITA
11/01/1985	605416	1	64	21	1828	0	85	OUACHITA
10/01/1985	605416	1	60	4	586	0	64	OUACHITA
09/01/1985	605416	1	60	0	446	0	60	OUACHITA
08/01/1985	605416	1	60	0	30	0	60	OUACHITA

07/01/1985	605416	1	60	0	1146	0	60	OUACHITA
06/01/1985	605416	1	60	0	2038	0	60	OUACHITA
05/01/1985	605416	1	179	0	2013	119	60	OUACHITA
04/01/1985	605416	1	124	55	1933	0	179	OUACHITA
03/01/1985	605416	1	84	40	1455	0	124	OUACHITA
02/01/1985	605416	1	59	25	1537	0	84	OUACHITA
01/01/1985	605416	1	20	39	762	0	59	OUACHITA
12/01/1984	605416	1	209	4	1887	193	20	OUACHITA
11/01/1984	605416	1	160	49	2565	0	209	OUACHITA
10/01/1984	605416	1	117	43	1637	0	160	OUACHITA
09/01/1984	605416	1	57	60	1811	0	117	OUACHITA
08/01/1984	605416	1	187	52	1800	182	57	OUACHITA
07/01/1984	605416	1	184	3	1978	0	187	OUACHITA
06/01/1984	605416	1	129	55	1843	0	184	OUACHITA
05/01/1984	605416	1	72	57	1333	0	129	OUACHITA
04/01/1984	605416	1	160	89	1734	177	72	OUACHITA
03/01/1984	605416	1	117	43	2443	0	160	OUACHITA
02/01/1984	605416	1	87	30	2034	0	117	OUACHITA
01/01/1984	605416	1	44	43	2264	0	87	OUACHITA
12/01/1983	605416	1	210	0	1724	166	44	OUACHITA
11/01/1983	605416	1	162	48	1946	0	210	OUACHITA
10/01/1983	605416	1	77	85	2043	0	162	OUACHITA
09/01/1983	605416	1	184	81	2128	188	77	OUACHITA
08/01/1983	605416	1	157	27	2605	0	184	OUACHITA
07/01/1983	605416	1	139	18	1721	0	157	OUACHITA
06/01/1983	605416	1	244	86	1802	191	139	OUACHITA
05/01/1983	605416	1	107	137	1909	0	244	OUACHITA
04/01/1983	605416	1	107	0	2284	0	107	OUACHITA
03/01/1983	605416	1	102	5	2775	0	107	OUACHITA
02/01/1983	605416	1	84	18	2509	0	102	OUACHITA
01/01/1983	605416	1	33	51	3075	0	84	OUACHITA
12/01/1982	605416	1	129	99	2567	195	33	OUACHITA
11/01/1982	605416	1	64	65	2140	0	129	OUACHITA
10/01/1982	605416	1	64	0	2823	0	64	OUACHITA
09/01/1982	605416	1	17	47	2827	0	64	OUACHITA
08/01/1982	605416	1	67	32	1725	82	17	OUACHITA
07/01/1982	605416	1	219	29	2849	181	67	OUACHITA
06/01/1982	605416	1	157	62	2989	0	219	OUACHITA
05/01/1982	605416	1	97	60	2619	0	157	OUACHITA
04/01/1982	605416	1	54	43	2869	0	97	OUACHITA
03/01/1982	605416	1	184	67	3026	197	54	OUACHITA
02/01/1982	605416	1	125	59	2341	0	184	OUACHITA
01/01/1982	605416	1	67	58	3248	0	125	OUACHITA
12/01/1981	605416	1	215	55	2292	203	67	OUACHITA
11/01/1981	605416	1	162	53	2747	0	215	OUACHITA
10/01/1981	605416	1	107	55	2803	0	162	OUACHITA
09/01/1981	605416	1	60	47	2608	0	107	OUACHITA
08/01/1981	605416	1	194	57	3138	191	60	OUACHITA
07/01/1981	605416	1	140	54	2978	0	194	OUACHITA
06/01/1981	605416	1	92	48	2894	0	140	OUACHITA
05/01/1981	605416	1	112	59	2964	79	92	OUACHITA
04/01/1981	605416	1	60	52	3079	0	112	OUACHITA
03/01/1981	605416	1	189	63	3020	192	60	OUACHITA
02/01/1981	605416	1	129	60	2685	0	189	OUACHITA
01/01/1981	605416	1	52	77	3231	0	129	OUACHITA
12/01/1980	605416	1	179	74	3354	201	52	OUACHITA
11/01/1980	605416	1	115	64	3086	0	179	OUACHITA
10/01/1980	605416	1	44	71	3286	0	115	OUACHITA
09/01/1980	605416	1	174	62	3314	192	44	OUACHITA
08/01/1980	605416	1	125	49	3230	0	174	OUACHITA
07/01/1980	605416	1	94	75	3329	44	125	OUACHITA
06/01/1980	605416	1	60	34	3355	0	94	OUACHITA
05/01/1980	605416	1	179	76	2890	195	60	OUACHITA
04/01/1980	605416	1	104	75	3199	0	179	OUACHITA
03/01/1980	605416	1	29	75	3049	0	104	OUACHITA
02/01/1980	605416	1	147	77	2944	195	29	OUACHITA
01/01/1980	605416	1	110	72	2001	35	147	OUACHITA
12/01/1979	605416	1	249	56	2970	195	110	OUACHITA

11/01/1979	605416	1	172	77	2818	0	249	OUACHITA
10/01/1979	605416	1	70	102	2777	0	172	OUACHITA
09/01/1979	605416	1	230	38	3978	198	70	OUACHITA
08/01/1979	605416	1	137	93	3753	0	230	OUACHITA
07/01/1979	605416	1	85	52	3317	0	137	OUACHITA
06/01/1979	605416	1	181	96	3225	192	85	OUACHITA
05/01/1979	605416	1	100	81	3589	0	181	OUACHITA
04/01/1979	605416	1	224	67	3254	191	100	OUACHITA
03/01/1979	605416	1	140	84	3561	0	224	OUACHITA
02/01/1979	605416	1	62	78	2934	0	140	OUACHITA
01/01/1979	605416	1	161	97	3534	196	62	OUACHITA
12/01/1978	605416	1	94	67	2553	0	161	OUACHITA
11/01/1978	605416	1	196	95	3749	197	94	OUACHITA
10/01/1978	605416	1	104	92	3975	0	196	OUACHITA
09/01/1978	605416	1	224	74	3325	194	104	OUACHITA
08/01/1978	605416	0	120	104	4337	0	224	OUACHITA
07/01/1978	605416	0	227	88	4161	195	120	OUACHITA
06/01/1978	605416	0	130	97	4027	0	227	OUACHITA
05/01/1978	605416	0	227	100	4301	197	130	OUACHITA
04/01/1978	605416	1	125	102	4169	0	227	OUACHITA
03/01/1978	605416	1	192	115	4273	182	125	OUACHITA
02/01/1978	605416	1	99	93	3544	0	192	OUACHITA
01/01/1978	605416	1	172	111	4457	184	99	OUACHITA
12/01/1977	605416	1	89	83	3662	0	172	OUACHITA
11/01/1977	605416	1	144	115	4176	170	89	OUACHITA
10/01/1977	605416	1	0	144	5037	0	144	OUACHITA

CASING

COMPLETION DATE	CASING SIZE	WELLBORE SIZE	CASING WEIGHT	UPPER SET DEPTH	LOWER SET DEPTH	CEMENT SACKS	TEST PRESSURE	HOURS UNDER PRESSURE	TEST DATE	CASING PULLED	CREATION PROCESS
03/23/1992	00									0	PLUG AND ABANDON
03/23/1992	0412									0	PLUG AND ABANDON
03/23/1992	0858									0	PLUG AND ABANDON
03/23/1992	00									0	PLUG AND ABANDON
03/23/1992	00									0	PLUG AND ABANDON
09/06/1976	0412	0778	11.6	0	9216	750	4000	.5	05/19/1976		CASING TEST
09/06/1976	0858	1214	24	0	2500	970	1500	.5	02/29/1976		CASING TEST

PLUG AND ABANDON

P and A DATE	LOCATION TYPE	CASING CUT TYPE	CASING CUT DEPTH	MUD WEIGHT LEFT	COMMENTS
03/23/1992					

PLUGS

PLUG TYPE	UPPER PLUG DEPTH	LOWER PLUG DEPTH	SACKS OF CEMENT	SLURRY WEIGHT
	8500	8600	20	
	2250	2450	10	
	4	35	5	
	2450	2550	22	
	4	50	10	

TUBING AND PACKERS

COMPLETION DATE	TUBING SIZE	TUBING LOWER DEPTH	TUBING UPPER DEPTH	PACKER DEPTH
09/06/1976	2&03/08	8529	0	8536

WORK PERMITS

REFERENCE NUMBER	APPLICATION DATE	EXPIRATION DATE	WORK PERMIT TYPE	WORK PERMIT STATUS	WORK PERMIT STATUS_DATE	TOTAL DEPTH	WORK_PERFORMED	DOCUMENTATION RECEIPT DATE	TEST SAND	WORK DESCRIPTION