

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/29/97

API NO. ASSIGNED: 43-047-32947

WELL NAME: WEST WILLOW CREEK RANCH #1  
 OPERATOR: MCMURRY OIL (N7925)

PROPOSED LOCATION:  
 NENE 11 - T13S - R20E  
 SURFACE: 1000-FNL-1000-FEL  
 BOTTOM: 1000-FNL-1000-FEL  
 UINTAH COUNTY  
 WILDCAT FIELD (001)

INSPECT LOCATION BY: 08/15/97		
TECH REVIEW	Initials	Date
Engineering	SRB	9/10/97
Geology		
Surface		

LEASE TYPE: FEE  
 LEASE NUMBER: PATENTED

PROPOSED PRODUCING FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (Number \_\_\_\_\_)

Potash (Y/N)

Oil shale (Y/N)

Water permit  
 (Number COMMERCIAL SUPPLY)

RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

R649-2-3. Unit: \_\_\_\_\_

R649-3-2. General.

R649-3-3. Exception.

Drilling Unit.  
 Board Cause no: 207-1  
 Date: 25-AUG-83

COMMENTS: Conf. status req., Casing OK, Cement slip. needed,  
BOP OK, exc. loc. OK.

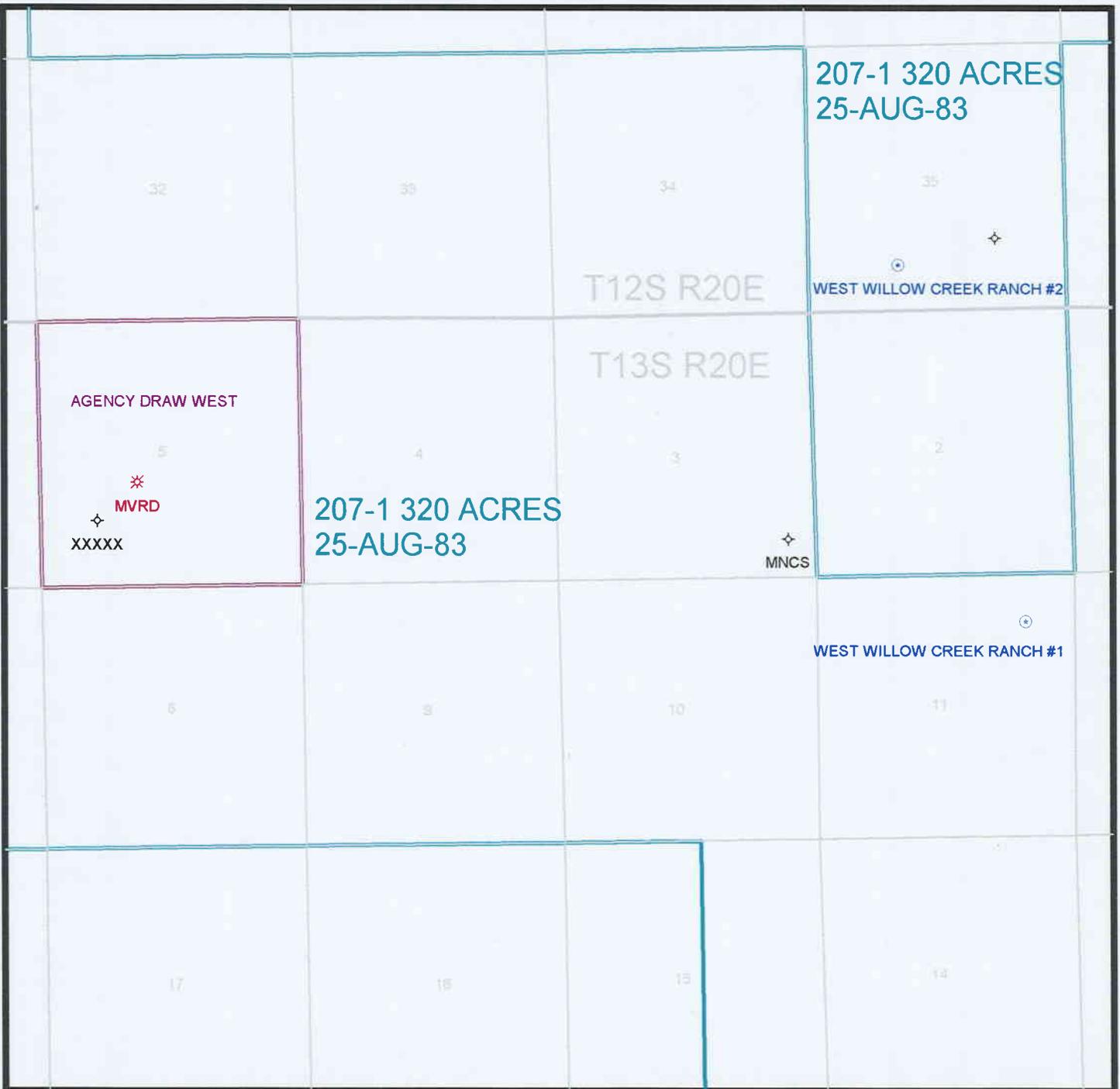
STIPULATIONS: 1. Statement of Basis

2. Cement - 5 1/2" casing - at least 2000' in depth.

3. "In accordance with Utah Admin. R649-3-3 Exception to  
Location and Siting of Wells, the operator shall provide  
written consent from all owners or evidence of <sup>operator's</sup> ownership  
of directly or diagonally offsetting drilling units designated  
in the order of the Board of Oil, Gas and Mining in  
Cause No. 207-1 dated August 25, 1983.

SEC, TWP, RNG: SEC. 11, T12S, R20E & SEC. 35, T12S, R20E

COUNTY: UINTAH SPACING: 207-1 320 ACRES 25-AUG-83



PREPARED:  
DATE: 29-JULY-97

**McMURRY OIL COMPANY**

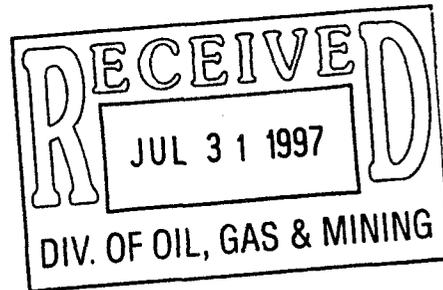
**P.O. Box 220  
Casper, WY 82602  
(307) 473-2033**

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July 29, 1997

Mr. John Baza  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

REF: Surety Bond



Dear Sir:

As a result of our telephone conversation, 7/29/97, and to expedite the APD process, please be advised that McMurry Oil Company has applied for a blanket Surety Bond to cover the drilling of two gas wells in Uintah County, Utah. The bonding company which is processing this coverage is:

Barnard Insurance Company  
ATTN: Bob Barnard  
145 S. Durbin  
Casper, WY 82601  
(307) 577-1111

The Surety Bond will be forwarded to you as soon as it is in place. If you have any questions, or if I can be of further assistance, please call me at (307) 276-3805.

Very truly yours,

A handwritten signature in cursive script that reads "Linda Tanner".

Linda Tanner  
Agent for McMurry Oil Company

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. LEASE DESIGNATION & SERIAL NO. <b>Fee</b>
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
b. TYPE OF WELL OIL WELL ___ GAS WELL <u>X</u> OTHER ___ SINGLE ZONE ___ MULTIPLE ZONE ___	7. UNIT AGREEMENT NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>McMURRY OIL COMPANY ATTN: Mick McMurry</b>	8. FARM OR LEASE NAME, WELL NO. <b>West Willow Creek Ranch #1</b>	
3. ADDRESS AND TELEPHONE NO. <b>P.O. Box 220, Casper, Wyoming 82602 (307) 473-2033</b>	9. API WELL NO. <b>Not Assigned</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At Surface <b>NE NE, 1000' FNL, 1000' FEL</b>  At proposed prod. zone <b>SAME</b>	10. FIELD AND POOL, OR WILDCAT <b>West Willow Creek Ranch</b>	
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 11, T13S, R20E, S.L.B.&amp;M.</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Appx. 39.6 miles south of Ouray, Utah</b>	12. COUNTY OR PARISH <b>Uintah</b>	13. STATE <b>Utah</b>
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg unit line, if any) <b>N/A</b>	16. NO. OF ACRES IN LEASE <b>N/A</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>N/A</b>
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>N/A</b>	19. PROPOSED DEPTH <b>7300'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF,RT,GR, etc.) <b>5924.3' Graded Ground</b>	22. APPROX. DATE WORK WILL START <b>August 20, 1997</b>	

CONFIDENTIAL

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 or K-55 ST&C	24#	400' KB	Appx. 300 sx
7-7/8"	5-1/2" K-55 LT&C	15.5#	TD	400' above all hydro-carbon bearing zones

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

● Operations for this well will be conducted under McMurry Oil Company Blanket Surety Bond (To Be Submitted Under Separate Cover)

● McMurry requests that information concerning this well be kept confidential.

● Spacing - Wasatch/Mesaverde Formation, Cause No. 207-1, dated 8/25/83, Stand-up 320s.

● R/W Required - No

● Surface Ownership - Surface and minerals are owned by MCNIC (MCN Investment Corporation).

● Please reference attached Drilling Plan, Surface Use Plan and Exhibits.

CONFIDENTIAL

24. Name & Signature Linda Casper for DR3 Douglas R. Flack TITLE Petroleum Engineer DATE 7/29/97

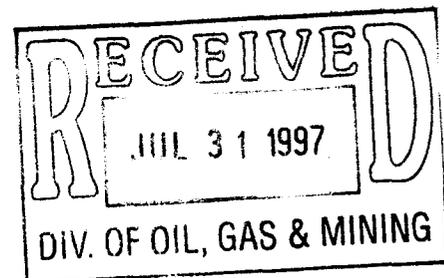
(This space for State office use)

API Number Assigned 43-047-32947

APPROVAL:

John R. Bay 9/10/97  
Associate Director

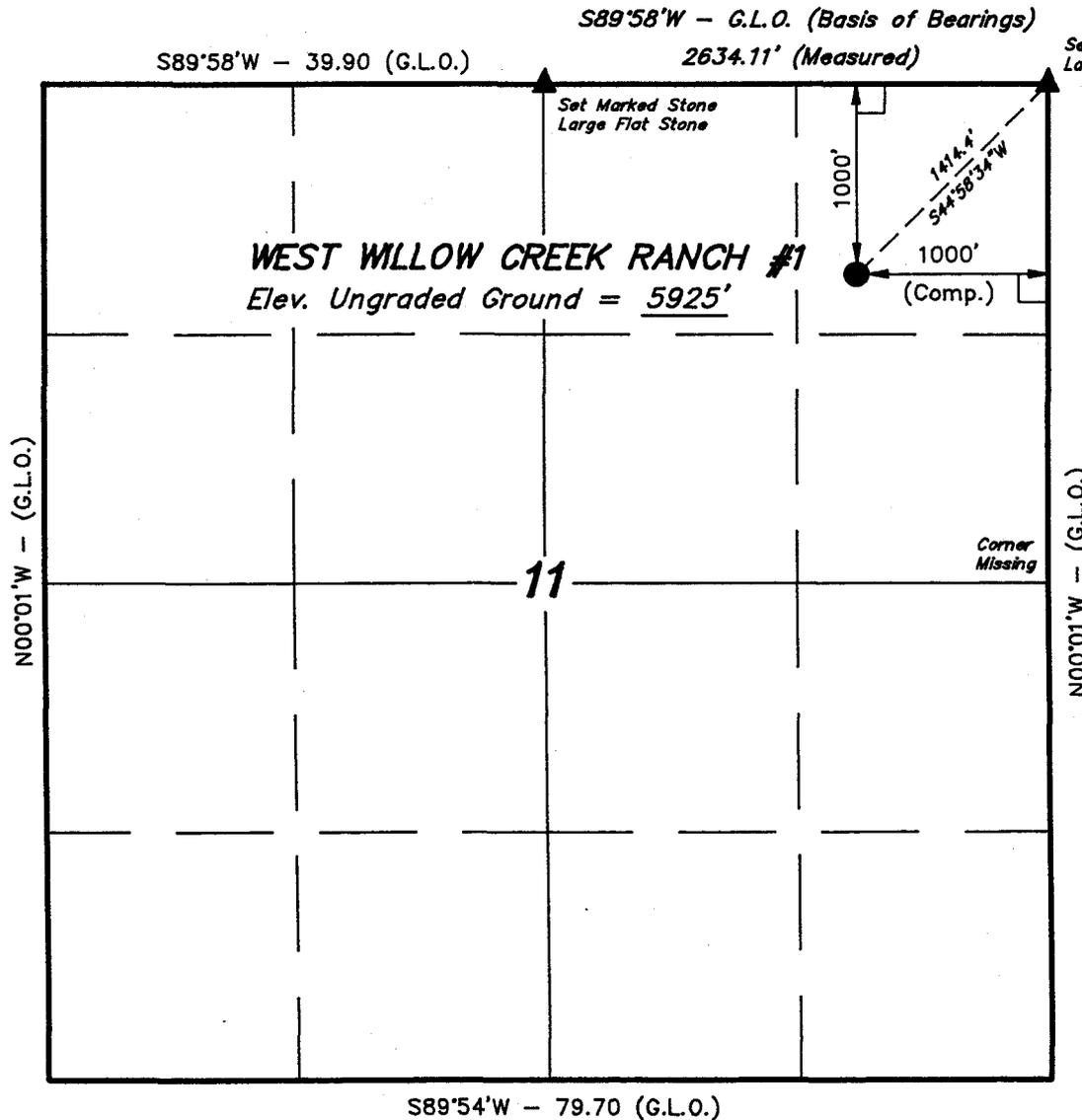
(See Instructions On Reverse Side)



**McMURRY OIL COMPANY**

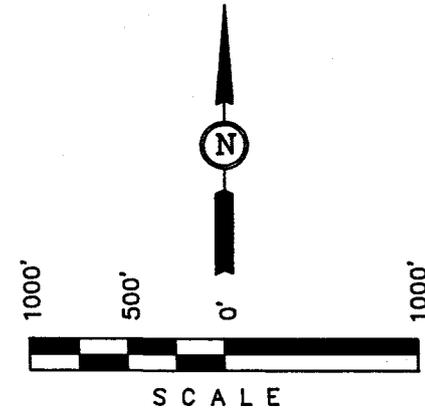
**T13S, R20E, S.L.B.&M.**

Well location, WEST WILLOW CREEK RANCH #1, located as shown in the NE 1/4 NE 1/4 of Section 11, T13S, R20E, S.L.B.&M. Uintah County, Utah.



**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 11, T13S, R20E, S.L.B.&M. TAKEN FROM THE AGENCY DRAW NW, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5906 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

181319  
 R. ROBERT L. ...  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 07-18-97	DATE DRAWN: 07-23-97
PARTY G.S. J.W. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE McMURRY OIL COMPANY	

**McMurry Oil Company**

**Drilling Program**

**West Willow Creek Ranch #1  
Fee Lease  
NE/4 NE/4 Sec. 11, T13S, R20E, S.L.B.&M.  
Uintah County, Utah**

**1. ESTIMATED FORMATION TOPS:**

<b><u>Formation</u></b>	<b><u>Depth</u></b>
Wasatch	2,360'
Mesaverde	4,860'
Total Depth	7,300'

**2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS BEARING FORMATIONS:**

Wasatch to top Mesaverde	Water, possible gas
Mesaverde to TD	Gas/Condensate

**3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- A. All blowout preventer equipment will be rated at 3000 psi working pressure. Pressure control equipment shall consist of but not be limited to the following:
- Rotating Head
  - Spherical Type Annular Preventer
  - 11" Double Gate Hydraulic BOP with Pipe and Blind Rams
  - Choke Manifold, 3" x 2", consisting of two Manual Chokes with full opening valves for component isolation
  - Accumulator Closing Unit with floor station and remote
  - Manual Choke Line Valve
  - Two Kill Line Valves and Check Valve
  - Upper & Lower Kelly Cock Valve
  - Safety Valve and Subs to fit all drill string connections in use
- B. All pressure control equipment will be installed, tested and operated in compliance with 43 CFR Part 3160 of the Federal Register.
- C. The well will be drilled with air and mist. Flow will be monitored by observing flow to the flare pit when air pumps are shut down. Foam will be directed back to the reserve pit from the flare pit by trenches.

- D. A reserve pit will be used for fluids either from drilling mud requirements or water flows from the well. The reserve pit will be 100' x 60' x 10' deep.
- E. Location size will be 300' x 140' plus reserve pit. (See location layout attached).

**4. CASING AND CEMENTING PROGRAM:**

- A. All casing run and set will be new.
- B. Surface Casing:

400'KB  $\pm$ , 8 5/8", 24#/ft., J or K-55, ST&C

250 sx 50/50 poz and 50 sx of premium. Cement will be brought back to surface.

- C. Production Casing:

Appx. 7300', 5 1/2", 15.5#/ft., K-55, LT&C

Cemented with 50/50 poz and Class G. Cement will be brought to a minimum of 400' - above all hydrocarbon bearing zones. Cement volumes shall be determined after evaluating actual borehole volumes using caliper logs.

**5. DRILLING MUD PROGRAM:**

- A. Surface will be drilled with water and gel. Air, mist and foam will be used to drill from surface pipe to TD. If necessary, the well will be mudded up with a low solids non-dispersed mud system.

**6. TESTING, LOGGING AND CEMENTING PROGRAM:**

- A. The primary objective is the Wasatch/Mesaverde Sand interval.
- B. No DST is anticipated, the well will be tested during drilling by observing the flow from the blooie line.

C. The anticipated electric logging schedule is as follows:

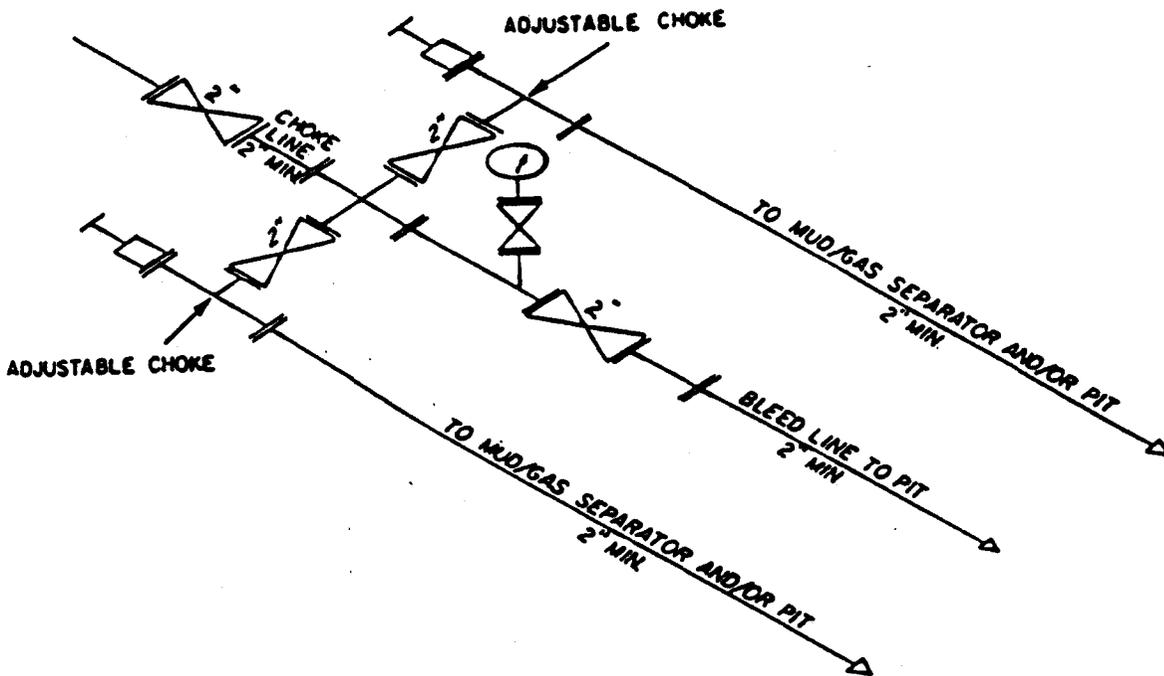
Dual Induction	Surface to TD
FDC/CNL	Surface to TD

**7. ABNORMAL PRESSURE OR TEMPERATURE:**

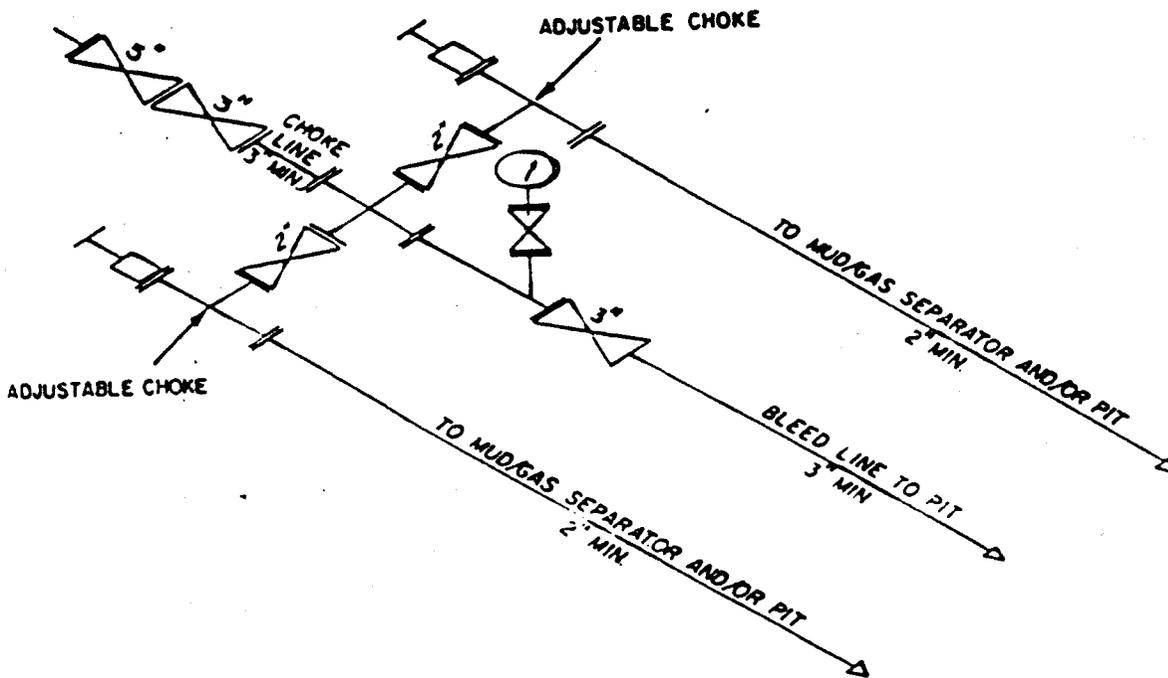
A. No abnormal temperatures or pressures are expected. No sour gas or CO<sup>2</sup> is expected.

**8. OTHER INFORMATION:**

A. Anticipated starting date will be 35 days from July 16, 1997. The drilling and completion operations should be completed within 60 days after spudding the well.



② 2M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY



② 3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

**McMURRY OIL COMPANY**

West Willow Creek Ranch #1  
Section 11, Township 13 South, Range 20 East  
Uintah County, Utah

**SURFACE USE PLAN**

**1) EXISTING ROADS**

- (a) See attached "Topo A" for directions to proposed location.
- (b) Existing access roads are shown on attached exhibits "A & B".
- (c) Right-of-way will not be required. All access roads are on privately owned lands.
- (d) Existing access roads will not require upgrade. Maintenance for existing access roads will be provided by McMurry Oil Company.
- (e) Existing roads will be water sprayed if necessary to enhance compaction and dust control.

**2) ACCESS ROADS TO BE CONSTRUCTED**

- (a) Approximately 300' of new access road will be constructed. New construction is on lands privately owned by MCNIC Oil Company (MCN Investment Corporation). The new access road will be constructed as a single lane road with a 14' minimum travelway and surfaced with a 4" course of 3" minus pit run gravel.
- (b) Six inches of topsoil is to be peeled back prior to any further construction activity. Topsoil will be spread over the cut and fill slopes and barrow ditches if well is productive.
- (c) New access roads will be water sprayed if necessary to enhance compaction and dust control during construction, drilling and completion activities.
- (d) New road construction and associated drainage structures will be in accordance with standard oilfield guidelines.
- (e) McMurry Oil Company shall maintain new access roads in a useable and safe manner.
- (f) Culverts will be installed where necessary along proposed route as well as wing ditches.

**3) LOCATION OF EXISTING WELLS**

There are no producing wells within a one mile radius of the proposed location.

**4) PROPOSED FACILITIES**

- a) A sundry notice will be submitted depicting proposed production facility layout, the areas of the wellpad to be reclaimed and the topsoil source that will be available. A final reclamation sundry will be submitted if the well is abandoned.
- b) Produced water will be dumped into a leakproof storage tank. Disposal will be into an approved injection well or disposal pit. Disposal will be in compliance with Onshore Operating Order No. 7 and all DEQ/EPA requirements, laws and regulations.
- c) All above ground permanent structures not subject to safety requirements shall be painted by McMurry Oil Company.

**5) WATER SUPPLY**

- a) Water for drilling, completing and operating this well will be provided by a private water haul contractor.

**6) CONSTRUCTION MATERIALS**

- a) Roadway pit run for surfacing will be obtained from private sources or an approved pit.

**7) METHODS FOR HANDLING WATER DISPOSAL**

- a) Drill cuttings will be buried in the reserve pit during reclaim. If a closed circulating system is utilized, a trench of adequate size located on the drill pad will be excavated for burial of the dried cuttings.
- b) Drilling fluids will be water based and contained in the reserve pit. The reserve pit will be backfilled and reclaimed after drying of fluids has occurred. Said pit will be fenced and flagged during evaporation and drying period. If a closed circulating system is utilized, drilling fluids will be contained in the mud tanks and storage tanks. Remaining drill fluids will be stored for future use or disposed of in an approved disposal.

- c) Fluids produced during drill stem tests or production tests will be collected in a test tank. Oil will be separated from the water and sold to a purchaser. Non-hazardous water based fluids will be disposed into the reserve pit for evaporation.
- d) McMurry Oil Company will be responsible for recognizing and handling hazardous materials. All spills of reportable quantity will be contained, reported and cleaned up in accordance with State and Federal regulations. (DEQ/EPA)
- e) All sewage will be collected in containment reservoirs and disposed of in an approved sewage disposal pit adhering to State and Local regulations.
- f) Trash will be contained in a portable trash cage and emptied in a DEQ approved sanitary landfill.
- g) Syphons and catchments will be installed in location ditches to prevent hydrocarbons from accumulating in the reserve pit. Absorbent pads will be available and utilized when necessary. Disposal of said pads will be in accordance with DEQ requirements.

8) **ANCILLARY FACILITIES**

- a) No ancillary facilities will be necessary.

9) **WELLSITE LAYOUT**

- a) A plat depicting the proposed drill pad and its approximate location with respect to topographic features is attached. The maximum cut on the pad will be 8.6 feet, maximum cut in the reserve pit will be 21.0 feet. Maximum fill will be 7.0 feet on the pad. Uintah Engineering & Land Surveying surveyed this proposed location. Slope, grade and construction control stakes shall be placed to ensure construction in accordance with the surface use plan.
- b) All equipment and vehicles will be confined to the access road, pad, spoil and topsoil storage areas.
- c) Water spraying will be implemented during dry weather construction, drilling and completion activities to minimize soil erosion due to blowing dust.
- d) Six inches of top soil will be stripped from the wellpad and spoil storage area prior to any construction activity.

- e) Erosion will be monitored around the toe of fill slopes, topsoil and spoil piles. Control steps will be implemented if necessary to prevent soil erosion.
- f) Prior to onset of drilling, a stock tight fence shall be installed on three sides of the reserve pit.
- g) Reserve pit, if required, will be constructed as depicted on attached rig layout drawing. The reserve pit will be examined by a McMurry Oil Company representative immediately after construction and prior to the addition of any fluids to determine permeability of reserve pit floor and walls. If permeable, supplemental pit lining will be installed.

10) **RECLAMATION**

- a) Rat and mouse holes shall be filled and compacted immediately upon release of the drilling rig from location.
- b) Drill cuttings, mud and water will be allowed to dry and/or evaporate at which time the pit will be backfilled as weather conditions permit. The pit will not be squeezed, crowded or cut. Frozen materials will not be used for backfilling.
- c) Unused areas of the well pad will be contoured with topsoil and seeded in accordance with local recommendation. Topsoil will be spread six inches deep. Unused topsoil will also be contoured and seeded. Prior to abandonment, McMurry Oil Company shall submit a sundry notice describing proposed reclamation plan and proceed with approval.
- d) Seed over disturbed areas will be applied using local recommendations.

Seeding will occur during spring or late fall seasons when ground frost is not present.

11) **SURFACE OWNERSHIP**

Surface and minerals at the well site are owned by MCNIC Oil Company (MCN Investment Corporation).

12) **OTHER INFORMATION**

- a) An archaeological waiver has been granted by the landowner.

- b) All reasonable measures will be taken to protect important big game habitat and raptor and/or sage grouse nesting habitat.
- c) All undesirable events (fires, blowouts, spills, discharges) will be reported to the Utah Division of Oil, Gas and Mining. A written report will follow within 15 days.

**CERTIFICATION**

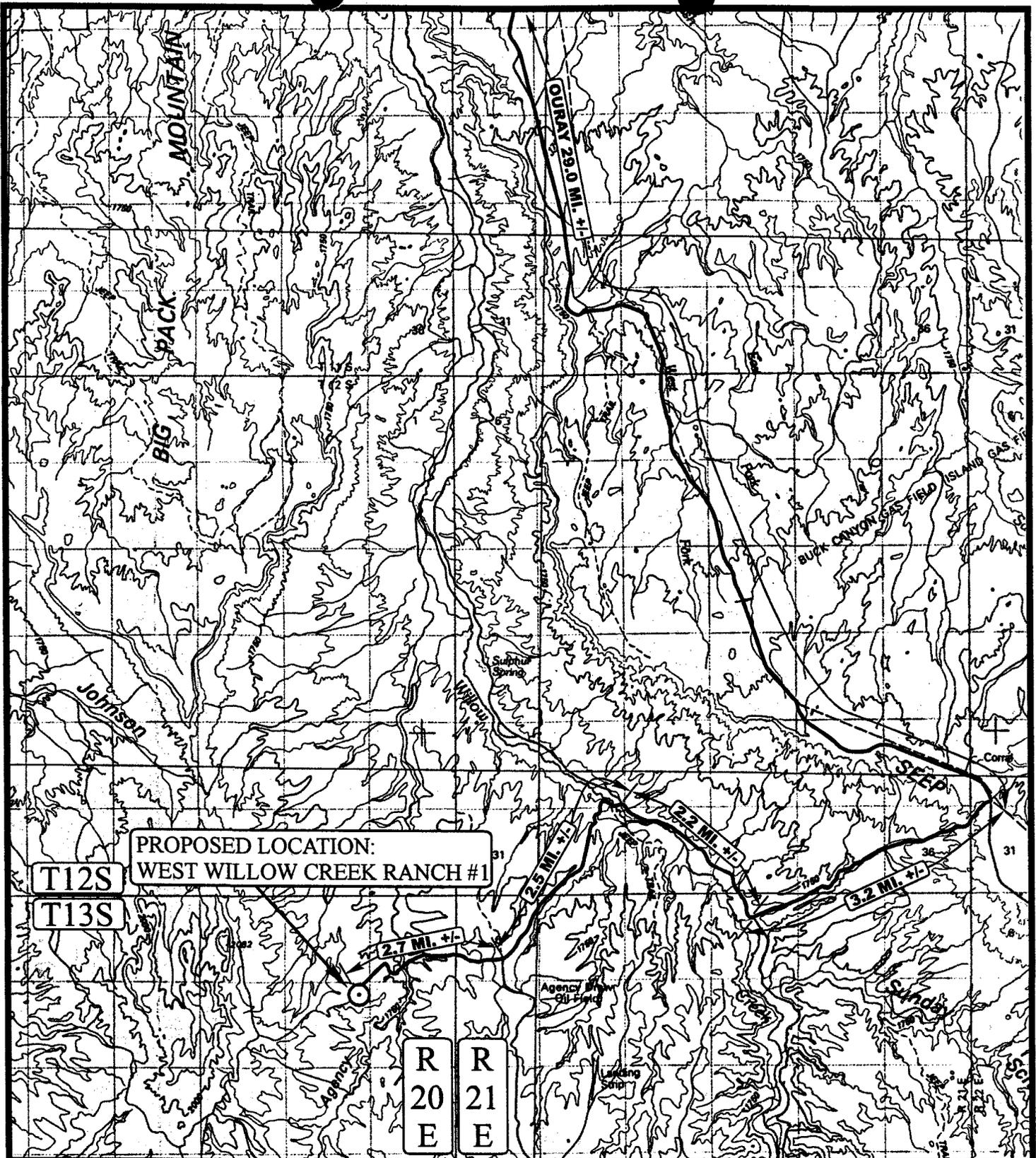
The undersigned, on behalf of McMurry Oil Company, hereby certifies that said company is authorized to conduct operations on the above described lands. Bond coverage is provided by McMurry Oil Company.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route. The statements made in this plan are, to the best of my knowledge, true and correct. The work associated with the operation herein will be performed by McMurry Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

McMurry Oil Company

  
Douglas R. Flack, Petroleum Engineer

7/29/97  
Date



**LEGEND:**

○ PROPOSED LOCATION



**McMURRY OIL CO.**

**WEST WILLOW CREEK RANCH #1  
SECTION 11, T13S, R20E, S.L.B.&M.  
1000' FNL 1000' FEL**



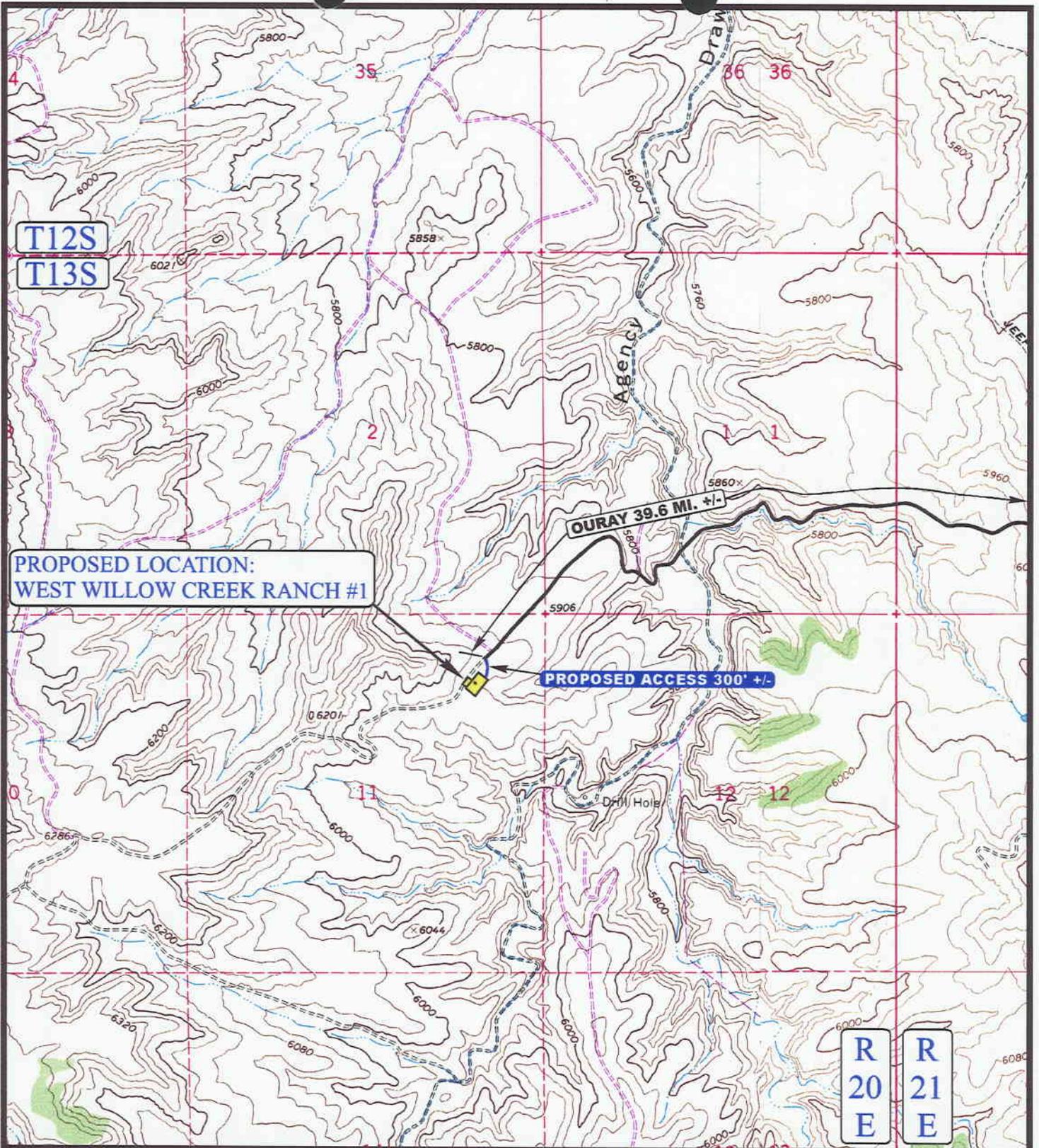
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: [ucls@casilink.com](mailto:ucls@casilink.com)

**TOPOGRAPHIC  
MAP**

**7 22 97**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





**PROPOSED LOCATION:  
WEST WILLOW CREEK RANCH #1**

**PROPOSED ACCESS 300' +/-**

**OURAY 39.6 MI. +/-**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**McMURRY OIL CO.**

**WEST WILLOW CREEK RANCH #1  
SECTION 11, T13S, R20E, S.L.B.&M.  
1000' FNL 1000' FEL**

**U E L S**  
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: ucls@casilink.com

**TOPOGRAPHIC MAP**  
 SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00

<b>7</b>	<b>22</b>	<b>97</b>
MONTH	DAY	YEAR

**B**  
TOPO



**McMURRAY OIL COMPANY**

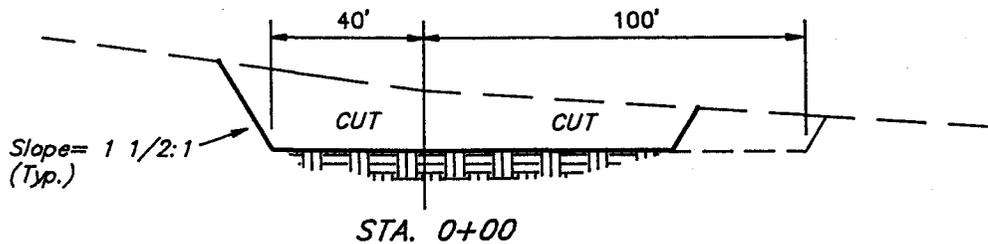
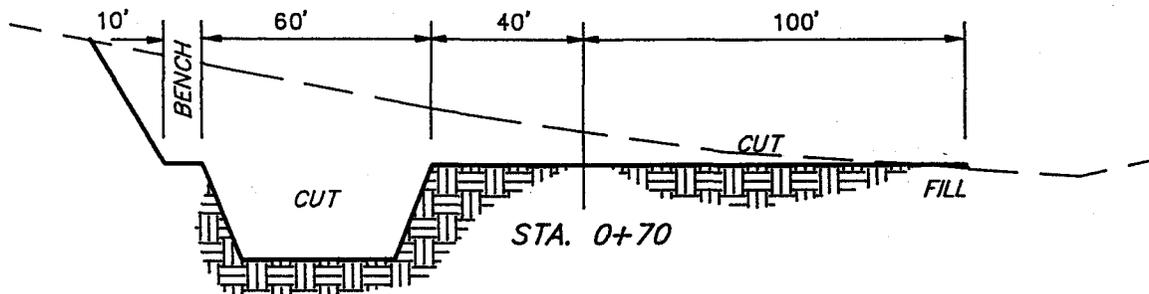
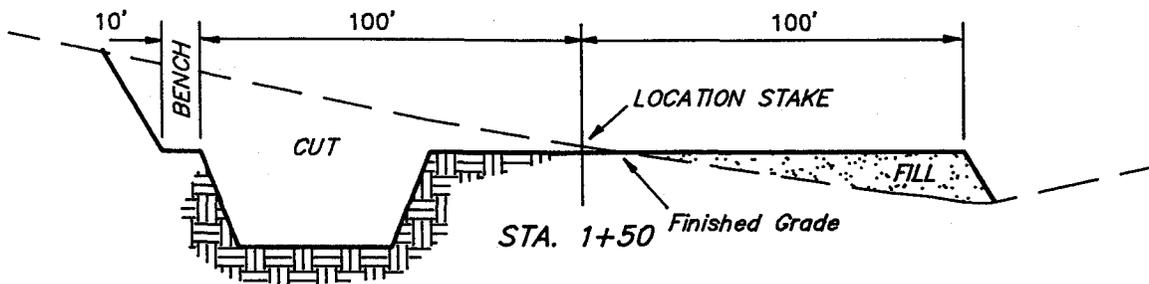
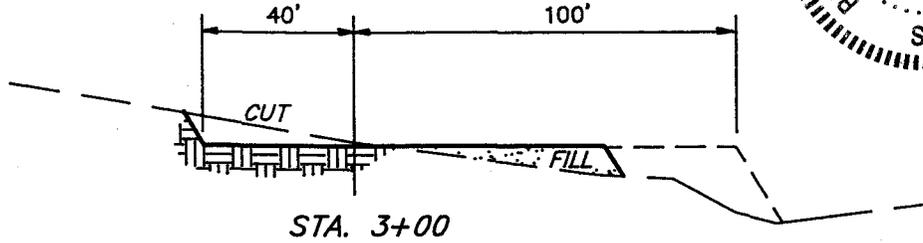
**TYPICAL CROSS SECTIONS FOR**

**WEST WILLOW CREEK RANCH #1  
SECTION 11, T13S, R20E, S.L.B.&M.  
1000' FNL 1000' FEL**



1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 07-23-97  
Drawn By: D.R.B.



**APPROXIMATE YARDAGES**

(6") Topsoil Stripping	=	890 Cu. Yds.
Remaining Location	=	6,480 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>7,370 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>2,830 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	4,390 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,730 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	2,660 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**McMURRY OIL COMPANY**

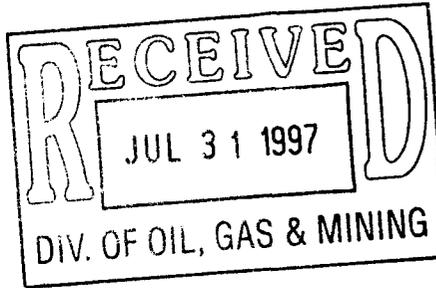
**P.O. Box 220**

**Casper, WY 82602**

**(307) 473-2033**

July 28, 1997

Mr. John Baza  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801



**Application for Location Exception  
West Willow Creek Ranch #1  
Section 11-T12~~S~~<sup>3</sup>-R20E  
Wasatch and Mesaverde Formations  
Uintah County, Utah**

Dear Sir:

McMurry Oil Company hereby requests administrative approval for a location exception to Cause No. 207-1, dated 8/25/83, which governs spacing and well locations for the above referenced well.

The location of gas wells under Cause No. 207-1 for T1<sup>3</sup>~~S~~, R20E should be in the Northwest or Southeast sections of a 320 acre stand-up subdivision, not closer than 660' to the exterior boundaries of the quarter section. McMurry's West Willow Creek Ranch #1 well is planned to be drilled in the NENE quarter at 1000' FNL and 1000' FEL of Section 11. This location is necessary due to interpretation of seismic data and probable faults. No other wells have been drilled in this section. There is one previously drilled well in Section 1-T13S-R20E. This well, 1-1A Agency Draw, is immediately and diagonally offset. No production records are available and status of well is unknown at this time. MCNIC (MCN Investment Corporation) is soul owner of the Double Triangle Ranch, surface and minerals, which encompasses this location. Therefore, McMurry Oil Company, operator, respectfully requests that the Utah Division of Oil, Gas and Mining approve the change in spacing pattern of the area in order that we may drill within this section.

*SE/SW, Sec. 1  
Well is →  
PA according  
to DOG M  
records  
- IRB*

Attached please find a certified well location plat showing footages and a topographic map indicating the location of the subject well.

Please direct any questions to the attention of D.R. Flack at (307) 265-8197, or to Linda Tanner at (307) 276-3805.

*Telecom - IRB w/ Doug Flack 9/10/97.*

Very truly yours,

*McMurry owns all of Sec. 11  
and all directly and diagonally  
offsetting drilling units.*

*Linda Tanner*

*DRB*  
D.R. Flack  
Consulting Engineer for McMurry Oil Company

Attachments

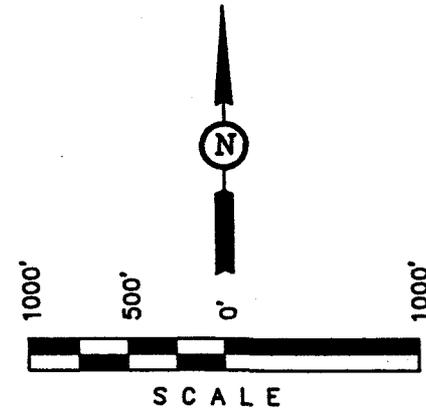
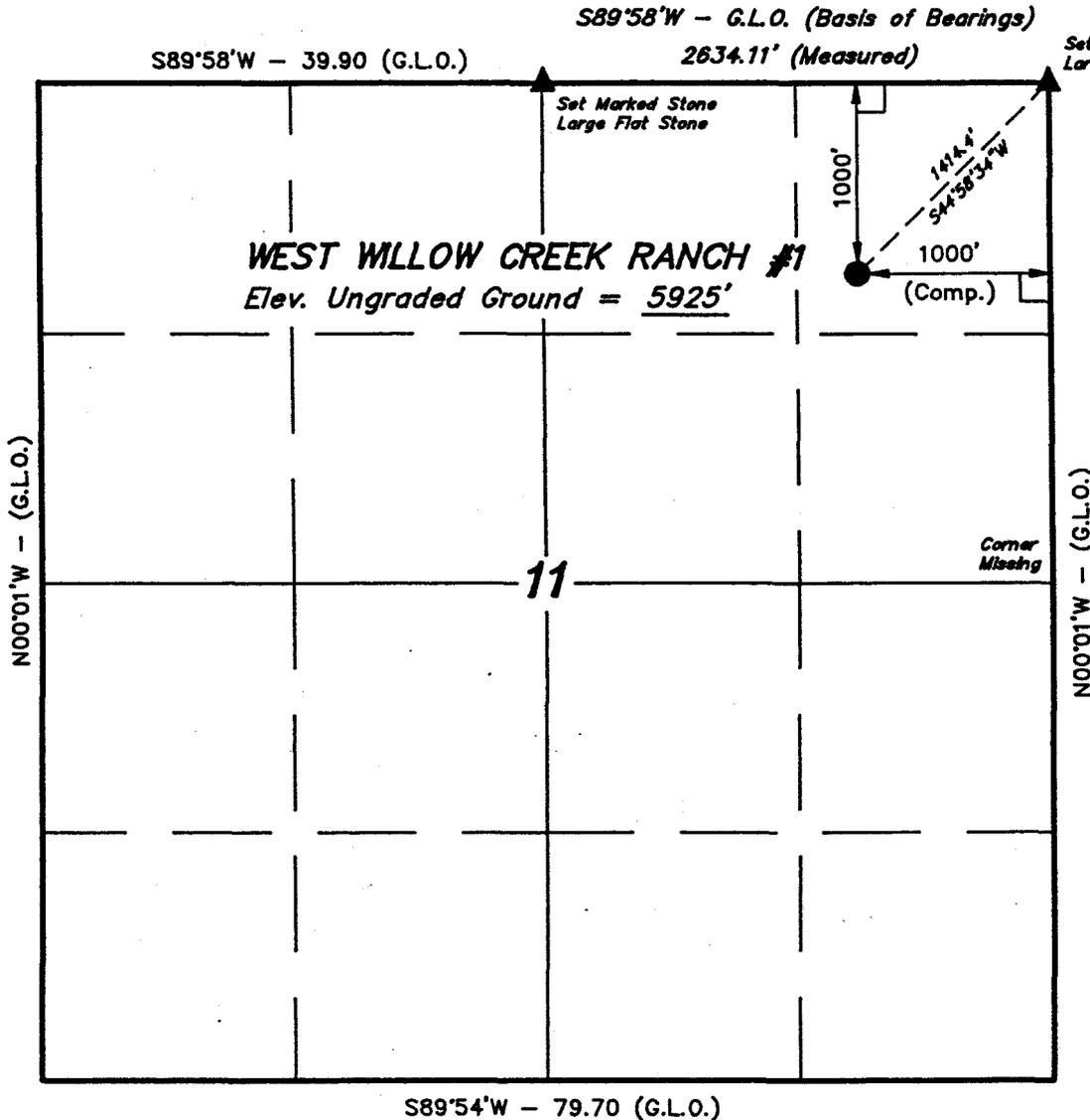
# T13S, R20E, S.L.B.&M.

## McMURRY OIL COMPANY

Well location, WEST WILLOW CREEK RANCH #1, located as shown in the NE 1/4 NE 1/4 of Section 11, T13S, R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 11, T13S, R20E, S.L.B.&M. TAKEN FROM THE AGENCY DRAW NW, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5906 FEET.



### CERTIFICATE

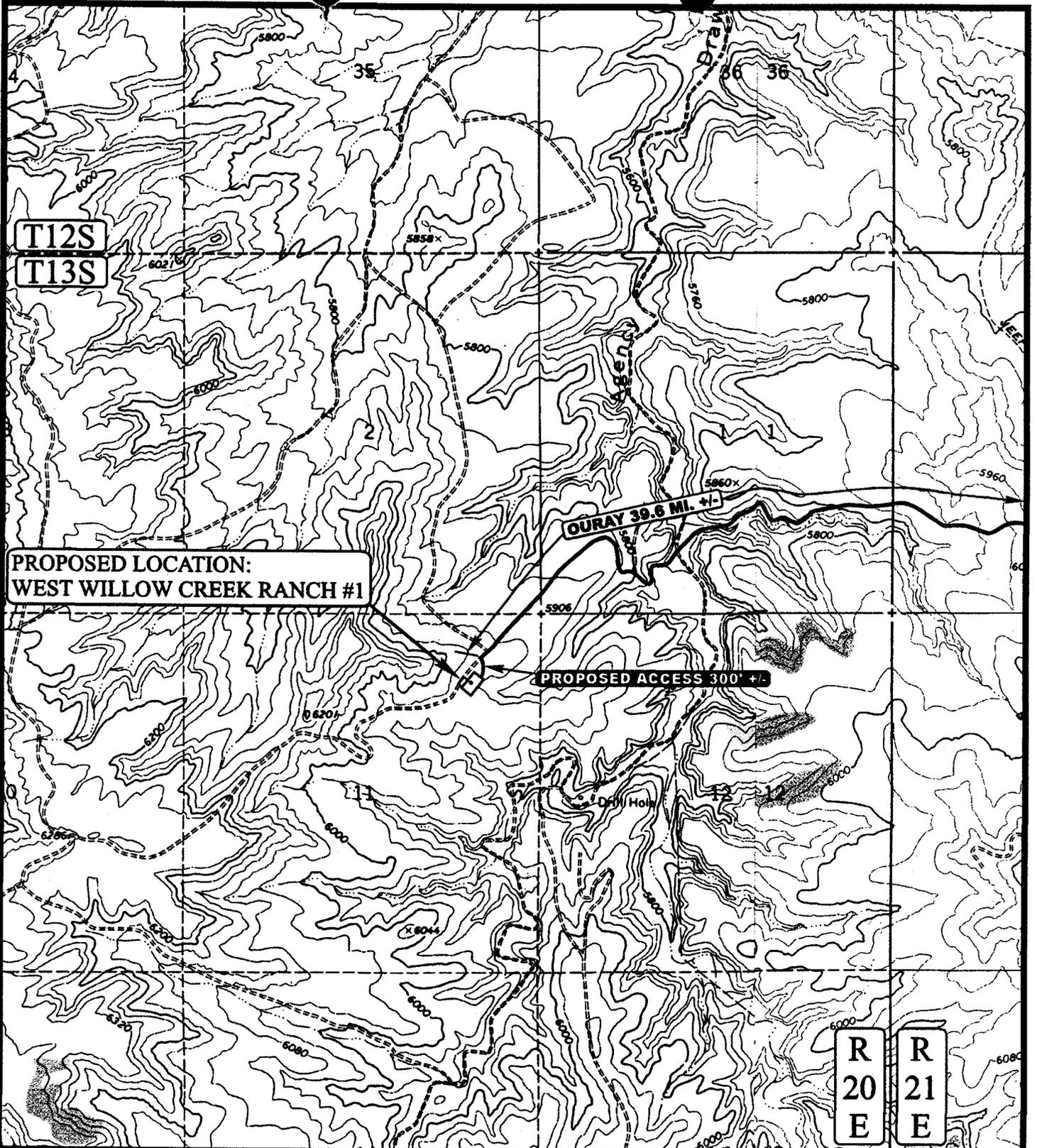
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

G.S. No. 161319  
 L. ROBERT L. ...  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 07-18-97	DATE DRAWN: 07-23-97
PARTY G.S. J.W. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE McMURRY OIL COMPANY	



**PROPOSED LOCATION:  
WEST WILLOW CREEK RANCH #1**

**PROPOSED ACCESS 300' +/-**

**OURAY 39.6 MI. +/-**

**R 20 E  
R 21 E**

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**McMURRY OIL CO.**

**WEST WILLOW CREEK RANCH #1  
SECTION 11, T13S, R20E, S.L.B.&M.  
1000' FNL 1000' FEL**



**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: [ucls@casilink.com](mailto:ucls@casilink.com)

**TOPOGRAPHIC  
MAP**

**7 22 97**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 00-00-00



ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: MCMURRY OIL COMPANY  
WELL NAME & NUMBER: WILLOW CREEK RANCH #1  
API NUMBER: 43-047-32947  
LEASE: FEE FIELD/UNIT: WEST WILLOW CREEK  
LOCATION: 1/4, 1/4 NE/NE Sec: 11 TWP: 13 S RNG: 20 E 1000' FNL 1000' FEL  
LEGAL WELL SITING: 'F SEC. LINE; 'F 1/4, 1/4 LINE; 'F ANOTHER WELL.  
GPS COORD (UTM) 12616180E 4395693N  
SURFACE OWNER: MCNIC OIL CO. (SUBSIDIARY OF MCMURRY OIL CO.)

PARTICIPANTS

ROBERT KAY (UELS); DAVID W. HACKFORD (DOGM), LINDA TANNER,  
DOUG FLACK AND TIMM SMITH (MCMURRY OIL CO.).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS LOCATED ON THE EAST SLOPE OF A LOW KNOLL WITH THE HEAD OF A  
SHALLOW CANYON LOCATED ADJACENT TO SITE TO THE EAST. DRAINAGE IS TO  
THE EAST.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING. HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 300' X 200'  
ACCESS ROAD WILL BE 300'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: NONE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION  
FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL.

SOURCE OF CONSTRUCTION MATERIAL: ROADWAY PIT RUN FOR SURFACING WILL BE  
OBTAINED FROM PRIVATE SOURCES OR AN APPROVED PIT, IF NECESSARY.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT  
WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO  
STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE  
HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH  
BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE.

FLORA/FAUNA: GREASEWOOD, SHADSCALE, PRICKLY PEAR, SAGEBRUSH,  
RABBITBRUSH: PRONGHORN, RODENTS, COYOTES, BIRDS, WILD HORSES.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY, CLAY, LOAM WITH  
ORANGE FLAGSTONE.

SURFACE FORMATION & CHARACTERISTICS: GREEN RIVER FORMATION.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION,  
NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 60' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL BE  
REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

SURFACE AGREEMENT: SURFACE LAND OWNER IS SUBSIDIARY OF MCMURRY OIL CO.

CULTURAL RESOURCES/ARCHAEOLOGY: FEE

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS DONE ON A WARM DAY WITH NO SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

8/12/97 10:00 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>10</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score (Level I Sensitivity)</b>		<u>25</u>

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

Operator Name: MCMURRY OIL CO.

Name & Number: WILLOW CREEK RANCH #1

API Number: 43-047-32947

Location: 1/4, 1/4 NE/NE Sec. 11 T. 13S R. 2OE

**Geology/Ground Water:**

The base of moderately saline water is at a depth of approximately 2000 feet in this area. High quality water may be encountered throughout the Green River Formation. Saline water may be encountered in the Trona member of the Green River. A surface casing will be set at 400 feet and cemented to surface and should protect the uppermost water zones. Production casing will be set at approximately 7400 feet. It is recommended that adequate cement be pumped to isolate the base of moderately saline water and the Trona from zones of higher quality water. If good cement bond is not possible from this depth, it is recommended that surface casing be set at a depth that will isolate these zones.

Reviewer: D. Jarvis

Date: 8-15-97

**Surface:**

THE PRE-SITE INVESTIGATION OF THE SURFACE WAS PERFORMED BY FIELD PERSONNEL ON 8/12/97. MCNIC (MCN INVESTMENT CORP.), THE SURFACE OWNER, IS A SUBSIDIARY OF MCMURRY OIL COMPANY. THREE PEOPLE REPRESENTING MCMURRY OIL COMPANY ATTENDED THIS INVESTIGATION. A 12 MIL LINER WILL BE REQUIRED IN THE RESERVE PIT. MCMURRY HAS ASKED THAT THIS WELL BE GRANTED AN EXCEPTION LOCATION FOR GEOLOGIC REASONS.

Reviewer: DAVID W. HACKFORD

Date: 8/13/97

**Conditions of Approval/Application for Permit to Drill:**

1. RESERVE PIT SHALL BE CONSTRUCTED WEST OF WELL BORE.
2. A 12 MIL LINER WILL BE REQUIRED IN RESERVE PIT.



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

September 10, 1997

McMurry Oil Company  
P.O. Box 220  
Casper, Wyoming 82602

Re: West Willow Creek Ranch #1 Well, 1000' FNL, 1000' FEL, NE NE,  
Sec. 11, T. 13 S., R. 20 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32947.

Sincerely,

John R. Baza  
Associate Director

lwp

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: McMurry Oil Company  
Well Name & Number: West Willow Creek Ranch #1  
API Number: 43-047-32947  
Lease: Fee  
Location: NE NE Sec. 11 T. 13 S. R. 20 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated August 15, 1997 (copy attached).

5. The cement volumes for the 5-1/2" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to at least 2000' in depth.

6. In accordance with Utah Admin. R649-3-3 Exception to Location and Siting of Wells, the operator shall provide written consent from all owners or evidence of operator's ownership of directly or diagonally offsetting drilling units designated in the order of the Board of Oil, Gas and Mining in Cause No. 207-1 dated August 25, 1983.

DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

SPUDDING INFORMATION

Name of Company: MCMURRAY OIL CO.

Well Name: WEST WILLOW CREEK RANCH # 1

Api No. 43-047-32947

Section: 11 Township: 13S Range: 20E County: UINTAH

Drilling Contractor: \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED:

Date: 9/10/97

Time: \_\_\_\_\_

How: DRY HOLE

Drilling will commence: \_\_\_\_\_

Reported by: BILL MARTINS

Telephone NO.: \_\_\_\_\_

Date: 9/10/97 Signed: JLT

↓

APD evaluation  
McMurry Oil  
West Willow Creek Ranch #1 & #2

I. Casing

5 1/2" K-55, 15.5# @ TD = 7300'

Air drilled (mud up as necessary)  
- assume water gradient to TD, 0.433 psi/ft.

BHP = (0.433)(7300') = 3161 psi

Collapse str. = 4040 psi      Collapse SF =  $\frac{4040}{3161} = 1.28$

Burst str. = 4810 psi      Burst SF =  $\frac{4810}{3161} = 1.52$

wt. of pipe = (15.5)(7300) = 113,150 #

St. str. (LTC) = 239,000 #

Tension SF =  $\frac{239,000}{113,150} = 2.11$

II. Cement

Vol. between csg. & hole = 0.3466 ft<sup>3</sup>/ft  
(100% excess)

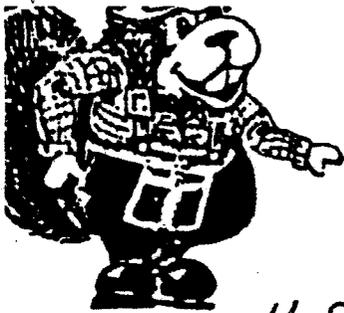
Cement yield = ? - (Two stage, 50/50 Poz and class G)

Vol. required = (7300 - 400)(0.3466) = 2,392 ft<sup>3</sup>  
(TD to surface casing)

Cement Conditions of Approval required.

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS





*Qum*

TEST REPORT

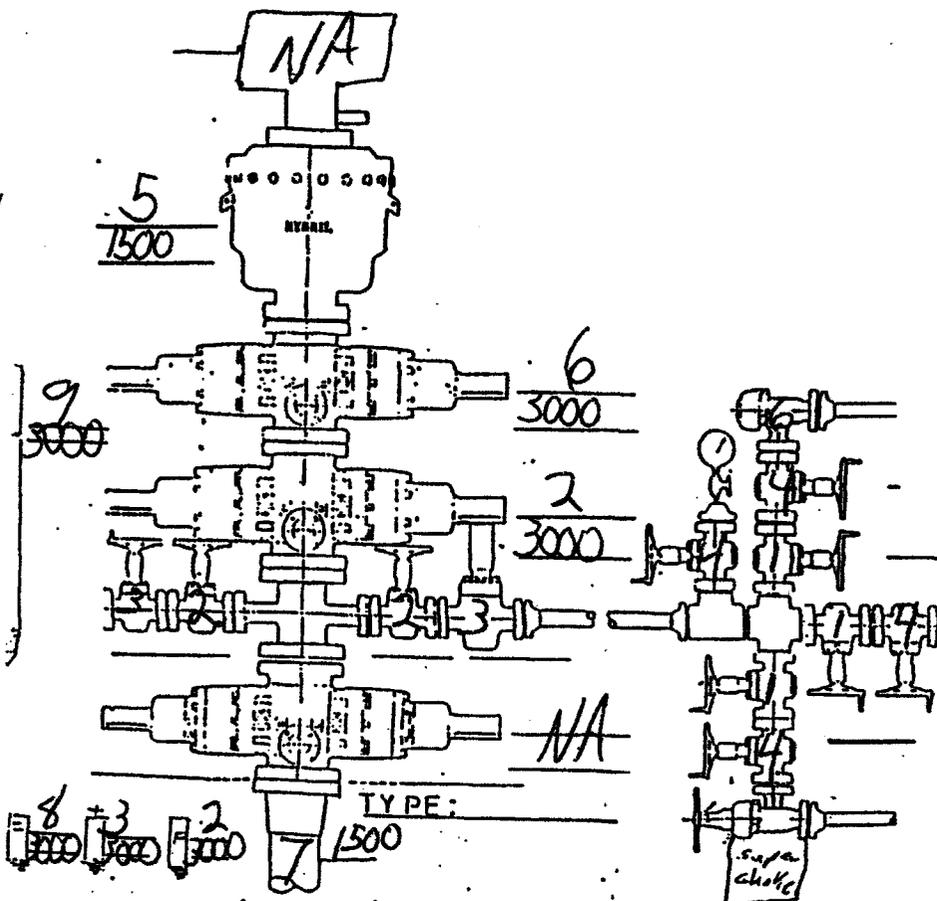
date 11-9-97 operator McMurry rig Norton #6

field wildcat sec 11 tnship 13s range 20E

well# West Willow Creek #1 working pressure 3000 test pressure 3000

wellhead type size Camoron

- annular 50%
- upper pipe rams
- lower pipe rams  *N/A*
- blind rams
- kill line valves
- hcr valve
- choke valves
- manifold valves
- super choke
- manual choke/p Body
- upper kelly valve
- lower kelly valve
- inside bop
- floor valve
- casing pre 1500
- R head pre  *N/A*
- accumulator
- pre charge pre 950
- #bottles 2  *N/A*
- #spheres 2



REPAIRS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **26-Nov-97**

**DAYS FROM SPUD 17**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	1,000	18,885
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		748
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,700
1130-04-06 CULVERTS		0	1130-42-02 CENTRIFUGE	368	6,956
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	3,770
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	2,375
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	1,275
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	500	7,100
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL	150	300
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	2,090
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	3,780	133,470	1130-50-01 TRASH CAGES	10	593
1130-12-02 BOILER - DAYWORK RIG	456	8,436	1130-50-02 EMPTY TRASH CAGES		349
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	2,955
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	380
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	2,593
1130-16 DRILLING BITS		40,012	1130-50-06 EMPTY SEPTIC SYSTEMS		379
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		18,363	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		1,400
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		9,569
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL		36,465	1140-16-05 SAND BLASTING CASING		1,750
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING	18,025	18,025
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	10,450	1150-06 CASING - PRODUCTION		62,704
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER		6,150	1150-14 WELLHEAD EQUIPMENT	1,200	2,100
BOP TESTER		1,270			0

Total Daily Cost 26,719  
Previous Total 504,069  
Cumulative to date 530,788

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: Fee
2. Name of Operator: McMURRY OIL COMPANY ATTN: Mick McMurry	6. If Indian, Allocated or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 220, Casper, WY 82602 (307) 473-2033	7. Unit Agreement Name: N/A
4. Location of Well Footages: 1000' FNL, 1000' FEL CO, Sec., T., R., M.: NE/4 NE/4, Section 11, T13S, R20E, S.L.B.&M.	8. Well Name and Number: West Willow Creek Ranch #1
	9. API Well Number: 43-04732947
	10. Field and Pool, or Wildcat: West Willow Creek Ranch
	County: Uintah State: Utah

**CONFIDENTIAL**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other SEE BELOW
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

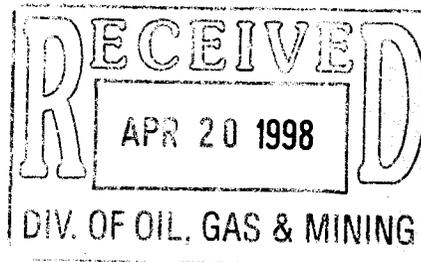
NOTICE OF SPUD:

Well spudded 4:00 a.m., 11/9/97 with Norton Rig #6. Reached total depth of 7,271' on 11/24/97. Rig released 11/25/97.

**CONFIDENTIAL**

13. Name & Signature: Linda Janner M.R. Fosdick Title: V.P. Operations & Engineering Date: 4/17/98

(This space for State use only)



OPERATOR McMurry Oil Company  
 ADDRESS P.O. Box 220  
Casper, WY 82602

OPERATOR ACCT. NO. 7925

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE	
					NQ	SC	TP	RG			COUNTY
A	99999	12394	4304732947	West Willow Creek Ranch 1	NENE	11	13S	20E	Uintah	970910	970910

WELL 1 COMMENTS:

Continuing completion program.

**CONFIDENTIAL**

Entities previously added by DOSM 6-26-98. *see*

A	99999	12393	4304732948	West Willow Creek Ranch 2	SESW	35	12S	20E	Uintah	970910	970910
---	-------	-------	------------	---------------------------	------	----	-----	-----	--------	--------	--------

WELL 2 COMMENTS:

Continuing completion program.

**CONFIDENTIAL**

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WELL 3 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

WELL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

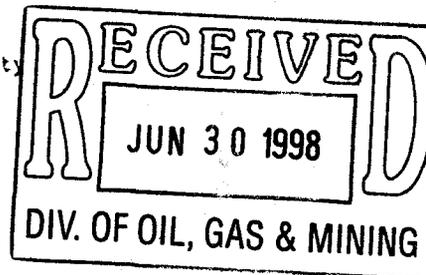
WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



*M. R. Fosdick*  
 Signature  
 VP - Operations & Engineering 6-26-98  
 Title Date  
 Phone No. (307) 473-2033

OPERATOR MCMURRY OIL COMPANY

OPERATOR ACCT. NO. N 7925

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12393	43-047-32948	WEST WILLOW CREEK RANCH 2	SESW	35	12S	20E	UINTAH	9-10-97	

WELL 1 COMMENTS: \*UNABLE TO GET OPERATOR TO SUBMIT FORM; DOGM ASSIGNED.

**CONFIDENTIAL**

A	99999	12394	43-047-32947	WEST WILLOW CREEK RANCH 1	NENE	11	13S	20E	UINTAH	9-10-97	
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WELL 2 COMMENTS:

**CONFIDENTIAL**

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WELL 3 COMMENTS:

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WELL 4 COMMENTS:

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WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

L. CORDOVA (DOGM)

Signature

ENG. TECH.

6-26-9

Title

Date

Phone No. ( )

NOTE: Use COMMENT section to explain why each Action Code was selected.



# McMURRY OIL CO DAILY DRILLING REPORT

Activity at Report Time, 6AM

circulate to cement

Lease Willow Creek #1 Legal Section 11 T13N R20E  
Date 25-Nov-97 Days since Spud 16  
Contractor Norton 6 Co./State Uintah Co., Utah

Depth 7271 (corrected TD)  
24 hr Footage 0  
Formation Mesaverde

### ACTIVITY LAST 24 HOURS

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
3.50		6 am-9:30 am, tally out of hole for electric logs
5.00		9:30 am-2:30 pm, RU electric loggers-Schlumberger, Log, RD ele. loggers
3.50		2:30 pm-6 pm, TIH
1.50		6 pm-7:30 pm, circulate
5.50		7:30 pm-1 am, TOOH, laying down drill pipe & drill collars
4.50		1 am-5:30 am, RU casing crew, TIH with 5 1/2" N80, LT&C, 17# casing
		ran 178 jts, N80, LTC, 17# casing, landed at 7294 KB
0.50		5:30 am-6 am, circulate casing, RD casing crew, RU Howco
24.00	0.00	Total Cum Rotating Hours <u>255.25</u> Motor Hours Cum <u>14.50</u>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G

#### Mud Properties

%kcl	2
wt	8.9
vis	33
filtrate	14.4
cake	2/32
ph	8.5
cl	15,000
% sol	4
% sand	trace
pv	9
yp	14
Ca	trace
%LCM	trace

#### Pump Data

	#1	#2
Make	GD	GD
Model	PZ-8	PZ-8
Liners	6 1/2 X 8	6 X 8
PSI-Off btm		
PSI - Drilling		
SPM		
BPS	0.078	0.067
Hydraulics		
GPM		
Wt on Bit		
RPM Surface		
RPM Downhole		

#### Surveys

Depth	Degree
968'	1/4
1465'	1
1965'	1 1/4
2453'	1 1/4
2938'	1
3408'	2
3908'	1 1/4
4461'	1 1/4
4970'	1
5466'	1 1/4
6297'	1 1/4

#### BHA

#### Length

bit	1.50
xo sub	
motor	22.15
xo sub	
xo sub	
8" DC's	
xo sub	
6-1/4" DC	622.95
xo sub	
HWDP	
BHA	646.60
No. of DC	21
HWDP	0

After pipe tally, drillers TD= 7,271' KB  
Schlumberger TD= 7,272' KB

SUPERVISOR

DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**

Date **23-Nov-97**

**DAYS FROM SPUD 14**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	600	16,760
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		748
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,400
1130-04-06 CULVERTS		0	CENTRIFUGE	368	5,852
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	3,260
CAT/GRADER-FULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	2,000
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	1,050
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	500	5,600
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,760
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	114,570	1130-50-01 TRASH CAGES	10	563
1130-12-02 BOILER - DAYWORK RIG	456	7,068	1130-50-02 EMPTY TRASH CAGES	349	349
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	394
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	20
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	40
1130-16 DRILLING BITS	5,173	40,012	1130-50-06 EMPTY SEPTIC SYSTEMS	379	379
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LODP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	1,000	33,080	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	560	8,800	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	400	5,350	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost	<u>18,379</u>
Previous Total	<u>366,196</u>
Cumulative to date	<u>384,575</u>

<b>McMURRY OIL CO.</b>				<b>Activity at Report Time, 6AM</b>	
<b>DAILY DRILLING REPORT</b>				trip out of hole	
<b>Lease</b>	<b>Willow Creek #1</b>	<b>Legal</b>	<b>Section 11 T13N R20E</b>	<b>Depth</b>	<b>7035</b>
<b>Date</b>	<b>23-Nov-97</b>	<b>Days since Spud</b>	<b>14</b>	<b>24 hr Footage</b>	<b>155</b>
<b>Contractor</b>	<b>Norton 6</b>	<b>Co./State</b>	<b>Utah Co., Utah</b>	<b>Formation</b>	<b>Mesaverde</b>

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
3.50	3.50	6 am-9:30 am, drill 6880'-6963', 83'-23.7 fph
0.50		9:30 am-10 am, rig service
3.75	3.75	10 am-1:45 pm, drill 6963'-7035', 72'-19.2 fph
3.25		1:45 pm-5 pm, pump pill & TOOHP
0.50		5 pm-5:30 pm, lay down motor & PU new motor
0.50		5:30 pm-6 pm, work BOPs
3.00		6 pm-9 pm, mix LCM pill-pump down ceg, TIH with BHA
1.00		9 pm-10 pm, cut & slip drilling line
4.00		10 pm-2 am, TIH-could not break circulation, motor and/or bit is plugged
4.00		2 am-6 am, TOOHP with wet string
<b>24.00</b>	<b>7.25</b>	<b>Total Cum Rotating Hours 240.75 Motor Hours Cum 211.00</b>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#6 w/motor	HTC	A57FY	6,396	7 7/8	ATJ22	0-14-14	639	36.00	17.8	
#7	HTC	C31YR	7,035	7 7/8	ATJ22	0-16-16	0	0.00		

Mud Properties			Pump Data			Surveys		BHA	Length
%kcl	2.5		#1	#2	Depth	Degree			
wt	9.1	Make	GD	GD	968'	1/4	bit	1.50	
vis	32	Model	PZ-8	PZ-8	1465'	1	no sub		
filtrate	12.6	Liners	6 1/2 X 8	6 X 8	1965'	1 1/4	motor	22.15	
cake	2/32	PSI-off bitm	1800		2453'	1 1/4	no sub		
ph	10.5	PSI - Drilling	2000		2936'	1	no sub		
cl	16,000	SPM	105		3408'	2	8" DC's		
% sol	5	BPS	0.078	0.067	3908'	1 1/4	no sub		
% sand	trace	Hydraulics			4461'	1 1/4	6-1/4" DC	622.95	
pv	8	GPM		344	4970'	1	no sub		
yp	12	Wt on Bit		40 M	5466'	1 1/4	HWDP		
Ca	trace	RPM Surface		65	6297'	1 1/4			
%LCM	0%	RPM Downhole		114			BHA	646.60	
							No. of DC	21	
							HWDP	0	

show #9, 6902'-6920', 18', before 25 units, during 105 units, after 35 units  
 show #10, 6930'-6958', 28', before 40 units, during 160 units, after 25 units  
 motor on #6 bit would not hold fluid so it was changed out for #2 motor.

SUPERVISOR DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**

Date **22-Nov-97**

**DAYS FROM SPUD 19**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	800	16,110
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		748
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,300
1130-04-08 CULVERTS		0	1130-42-01 CENTRIFUGE	368	5,484
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	3,090
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,875
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	975
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	500	5,100
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,650
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,580	107,010	1130-50-01 TRASH CAGES	10	553
1130-12-02 BOILER - DAYWORK RIG	456	6,612	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	2,441
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	300
			1130-50-05 TRAILER SEPTIC SYSTEM	40	2,433
1130-16 DRILLING BITS		34,839	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-18 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	3,405	32,080	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	6,250	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	400	4,950	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost 14,729  
 Previous Total 351,417  
 Cumulative to date 366,146

<b>McMURRY OIL CO.</b>				<b>Activity at Report Time, 6AM</b>	
<b>DAILY DRILLING REPORT</b>				<b>DRILLING</b>	
<b>Lease</b>	<b>Willow Creek #1</b>	<b>Legal</b>	<b>Section 11 T13N R20E</b>	<b>Depth</b>	<b>6880</b>
<b>Date</b>	<b>22-Nov-97</b>	<b>Days since Spud</b>	<b>13</b>	<b>24 hr Footage</b>	<b>407</b>
<b>Contractor</b>	<b>Norton 6</b>	<b>Co./State</b>	<b>Utah Co., Utah</b>	<b>Formation</b>	<b>Mesaverde</b>

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
10.75	10.75	6 am- 4:45 pm, drill 6473-6665, 212-19.72 fph
0.25		4:45 pm-5 pm, rig service
2.00	2.00	5 pm-7 pm, drill 6665-6717, 32-16 fph
0.50		7 pm-7:30 pm, install rotating head
10.50	10.50	7:30 pm-6 am, drill 6717-6880, 163-15.5 fph
<b>24.00</b>	<b>23.25</b>	<b>Total</b>
		<b>Cum Rotating Hours</b>
		<b>233.50</b>
		<b>Motor Hours Cum</b>
		<b>203.75</b>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#6 w/motor	HTC	A57FY	6,396	7 7/8	ATJ22	0-14-14	484	28.75	16.8	

Mud Properties			Pump Data			Surveys		BHA	Length
%kcl	2.5		#1	#2	Depth	Degree			
wt	9.1		Make	GD	968'	1/4	bit	1.50	
vis	32		Model	PZ-8	1465'	1	xo sub		
filtrate	12.6		Liners	6 1/2 X 8	1965'	1 1/4	motor	22.15	
cake	2/32	PSI-Off botm		1800	2453'	1 1/4	xo sub		
ph	10.5	PSI - Drilling		2000	2936'	1	xo sub		
cl	16,000	SPM		105	3408'	2	8" DC's		
% sol	5	BPS		0.078	3908'	1 1/4	xo sub		
% sand	trace	Hydraulics			4461'	1 1/4	6-1/4" DC	622.95	
pv	8	GPM		344	4970'	1	xo sub		
yp	12	Wt on Bit		40 M	5466'	1 1/4	HWDP		
Ca	trace	RPM Surface		65	6297'	1 1/4	BHA	646.60	
%LCM	0%	RPM Downhole		114			No. of DC	21	
							HWDP	0	

show 5; 6614'-6634', 20', before 9u, during 265u, after 25u  
 show 6; 6695'-6707', 12', before 11u, during 690u, after 50u  
 show 7; 6715'-6724', 9', before 50u, during 1400u, after 50u  
 show 8; 6750'-6776', 26', before 22u, during 185u, after 25u

lag time 48 minutes, current BBG 6-55 units, connection gas 8-45 units

SUPERVISOR DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**

Date **21-Nov-97**

DAYS FROM SPUD **12**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	800	15,010
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES	748	748
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,200
1130-04-08 CULVERTS		0	CENTRIFUGE	368	5,116
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,920
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,750
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	900
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	500	4,600
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,540
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	99,450	1130-50-01 TRASH CAGES	10	543
1130-12-02 BOILER - DAYWORK RIG	456	6,156	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	2,401
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	280
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	2,393
1130-16 DRILLING BITS	5,173	34,839	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,163
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-18 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-18-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-18-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-18-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-18-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	3,980	28,675	1140-18-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	7,700	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	4,550	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost 21,554  
 Previous Total 329,563  
 Cumulative to date 351,117



**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **20-Nov-97**

DAYS FROM SPUD **11**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	est 800	14,210
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,457	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,100
1130-04-08 CULVERTS		0	CENTRIFUGE	368	4,748
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,750
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,625
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	825
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	4,100
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,430
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	91,890	1130-50-01 TRASH CAGES	10	533
1130-12-02 BOILER - DAYWORK RIG	456	5,700	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	2,361
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	260
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,974
1130-16 DRILLING BITS		29,666	1130-50-08 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-25 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-25-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-25-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-25-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-29 DRILLING MUD MATERIAL	1,000	24,695	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	7,150	1150-08 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	4,200	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost 11,974  
Previous Total 317,589  
Cumulative to date 329,563



**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**

Date **19-Nov-97**

**DAYS FROM SPUD 10**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,106	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	1,000	13,610
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	1,000
1130-04-08 CULVERTS		0	1130-42-03 CENTRIFUGE	368	4,380
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,580
1130-04-09 LABOR TO INST PIT LINER		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-10 GRAVEL		0	1130-42-05 FORKLIFT RENTAL	125	1,500
1130-04-11 LAND DAMAGES		0	1130-42-06 WILDCAT AUTO DRLR	75	750
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10-01 FOOTAGE - DRILLING RIG		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	3,700
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 FRAC TANK RENTAL		0
1130-12 DRILLING RIG-DAY RATE		0	1130-50 TRAILER	110	1,320
1130-12-01 DAYWORK - DRILLING RIG	7,560	84,330	1130-50 SANITATION, DRNKG WTR		0
1130-12-02 BOILER - DAYWORK RIG	456	5,244	1130-50-01 TRASH CAGES	10	523
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-02 EMPTY TRASH CAGES		0
RIG STANDBY-before move		26,400	1130-50-03 POTABLE WATER	40	2,321
		0	1130-50-04 PORTA POTS	20	240
1130-16 DRILLING BITS	6,085	29,666	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,934
1130-18 CEMENT SURFACE CSG		3,885	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-20 DRILL STEM TESTING		0	1130-62 ROUSTABOUT CREWS & WELDER		1,183
1130-22 CORING		0	1130-60 CONTINGENCY		0
1130-24 ELECTRIC LOGGING		0	1140 INTANGIBLE COMP.		0
1130-28 PROFESSIONAL SERVICES		0	1140-16 CASING CREW-PROD.		0
1130-28-01 LEGAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-28-02 ENGINEERING SERVICES		4,684	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-28-03 GEOLOGICAL SERVICES		0	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-28 DRILLING MUD MATERIAL	7,210	23,695	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-30 CASING CREW - SURFACE		0	1140-16-05 SAND BLASTING CASING		0
FISHING		0	1140-18 CEMENT LONG STRING		0
SUPPLIES		0	1150 TANGIBLE EQUIPMENT		0
1130-31 WELL SITE SUPERVISOR	550	6,600	1150-04 CASING - SURFACE		4,257
1130-32 GEOLOGIST		0	1150-06 CASING - PRODUCTION		0
1130-33 MUD LOGGER	350	3,850	1150-08 CASING - INTERMEDIATE		0
BOP TESTER		1,270	1150-14 WELLHEAD EQUIPMENT		900

Total Daily Cost 25,184  
 Previous Total 292,425  
 Cumulative to date 317,589

<b>McMURRY OIL CO.</b> <b>DAILY DRILLING REPORT</b>				Activity at Report Time, 6AM	
				DRILLING	
Lease	Willow Creek #1	Legal	Section 11 T13N R20E	Depth	5629
Date	19-Nov-97	Days since Spud	10	24 hr Footage	452
Contractor	Norton 8	Co./State	Utah Co., Utah	Formation	Mesaverde

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
3.50	3.50	6 am- 9:30 am, drill 5177-5247, 70'-20 fph
0.50		9:30 am- 10 am, circulate samples up
2.50		10 am- 12:30 am, pump pill-TOOH-change bit
1.00		12:30 am- 1:30 pm. change out control valves on drillers panel
1.50		1:30 pm- 3 pm, TIH
0.50		3 pm- 3:30 pm, break circulation & wash 60' to bottom
10.00	10.00	3:30 pm- 1:30 am, drilling 5247-5536', 288'-28.9 fph
0.50		1:30 am-2 am, survey
3.50	3.50	2 am- 5:30 am, drill 5536'-5629', 93'-28.6 fph
0.50		5:30 am-8 am, crew change & connection
24.00	17.00	Total Cum Rotating Hours 171.00 Motor Hours Cum 141.25

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#4 w/motor	HTC	L22YF	3,804	7 7/8	GT20	11-11-11	1443	60.75	23.8	5-7-1/8
#5 w/motor	HTC	H49YL	5,247	7 7/8	GT20	0-14-14	382	13.5	28.3	

Mud Properties			Pump Data			Surveys		BHA	Length
%kcl	3		#1	#2	Depth	Degree			
wt	9.1	Make	GD	GD	968'	1/4	bit	1.50	
vis	38	Model	PZ-8	PZ-8	1465'	1	xo sub		
filtrate	11.4	Liners	6 1/2 X 8	6 X 8	1965'	1 1/4	motor	22.15	
cake	2/32	PSI-Off bitm			2453'	1 1/4	xo sub		
ph	10	PSI - Drilling	1850		2938'	1	xo sub		
cl	17,000	SPM	105		3408'	2	8" DC's		
% sol	6	BPS	0.078	0.067	3908'	1 1/4	xo sub		
% sand	1/8 of 1%	Hydraulics			4461'	1 1/4	6-1/4" DC	622.95	
pv	10	GPM		344	4870'	1	xo sub		
yp	15	Wt on Bit		45 M	5466'	1 1/4	HWDP		
Ca	10	RPM Surface		65			BHA	646.60	
%LCM	0%	RPM Downhole		114			No. of DC	21	
							HWDP	0	

Bit #4 condition; #1 cone was loose-starting to flatten on the outer button row, zero loss on cone noses-buttons ok, #2 cone all outer row buttons are gone-2 broken on middle row, #3 cone is ok.  
 Dispersed mud with Desco to thin it out.  
 minor gas shows so far.

SUPERVISOR DOUG FLACK

# McMURRY OIL CO DAILY DRILLING REPORT

Activity at Report Time, 6AM

DRILLING

Lease	Willow Creek #1	Legal	Section 11 T13N R20E	Depth	5177
Date	18-Nov-97	Days since Spud	9	24 hr Footage	544
Contractor	Norton 8	Co./State	Uintah Co., Utah	Formation	Wasatch

ACTIVITY LAST 24 HOURS

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
4.00	4.00	8 am- 10 am, drill 4633'-4696', 63'-15.7 fph-DRILL WITH #2 PUMP-265 GPM
0.50		10 am- 10:30 am, rig service, check BOP
4.00	4.00	10:30 am- 2:30 pm, drill 4696'-4793', 97'-24.25 fph-DRILL WITH #1 PUMP
3.50	3.50	2:30 pm-6 pm, drill 4793'-4848', 53'-15.1 fph-DRILL WITH #2 PUMP-repair seat #1
6.25	6.25	6 pm-12:15 am, drill 4848'-5040', 192'-30.72 fph-DRILL WITH #1 PUMP
0.50	0.50	12:15 am-12:45 am, survey
5.25	5.25	12:45 am-6 am, drill 5040'-5177', 137'-26.1 fph-DRILL WITH #1 PUMP
18.75	23.50	Total Cum Rotating Hours <u>154.00</u> Motor Hours Cum <u>124.25</u>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#4 w/motor	HTC	L22YF	3,804	7 7/8	GT20	11-11-11	1373	57.25	24.0	

**Mud Properties**

%kcl	3.25
wt	8.9
vis	37
filtrate	12.4
cake	2/32
ph	10
cl	22,000
% sol	5
% sand	trace
pv	12
yp	20
Ca	70
%LCM	0%

**Pump Data**

	#1	#2
Make	GD	GD
Model	PZ-8	PZ-8
Liners	6 1/2 X 8	6 X 8
PSI-Off btm	1800	
PSI - Drilling	2100	
SPM	105	
BPS	0.078	0.067
Hydraulics		
GPM		344
Wt on Bit		40-45m
RPM Surface		60-65
RPM Downhole		114

**Surveys**

Depth	Degree
968'	1/4
1465'	1
1965'	1 1/4
2453'	1 1/4
2938'	1
3408'	2
3908'	1 1/4
4461'	1 1/4
4970'	1

**BHA**

**Length**

bit	1.50
xo sub	
motor	22.15
xo sub	
xo sub	
8" DC's	
xo sub	
6-1/4" DC	622.95
xo sub	
HWDP	
BHA	646.60
No. of DC	21
HWDP	0

From 4500' to 4696' drilled with #2 pump, gpm not enough to clean the bit, penetration rate dropped from 2 min/ft to 4 min/ft. Drilled 4793'-4848' with #2 pump, replace washed out seat on #1, poor penetration rate again.

Mud logger has picked top on Mesaverde at 5120' (approximate), this is lower than Denver geologist due to preference where Mesaverde starts. No shows in the Wasatch during last 24 hours

SUPERVISOR DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**

Date **18-Nov-97**

DAYS FROM SPUD **9**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130 34 02 WATER HAULING	est 800	12,610
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	900
1130-04-06 CULVERTS		0	CENTRIFUGE	368	4,012
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,410
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,375
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	675
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	3,300
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,210
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	76,770	1130-50-01 TRASH CAGES	10	513
1130-12-02 BOILER - DAYWORK RIG	456	4,788	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	1,786
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	220
			1130-50-05 TRAILER SEPTIC SYSTEM	40	1,894
1130-16 DRILLING BITS		23,581	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-28 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-28-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-28-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-28-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL		16,485	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	6,050	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	3,500	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost	11,174
Previous Total	281,251
Cumulative to date	292,425





**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**

Date **17-Nov-97**

DAYS FROM SPUD **8**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	800	11,810
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	800
1130-04-06 CULVERTS		0	CENTRIFUGE	368	3,644
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,240
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,250
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	600
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	2,900
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	1,100
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	69,210	1130-50-01 TRASH CAGES	10	503
1130-12-02 BOILER - DAYWORK RIG	456	4,332	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	1,746
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	200
			1130-50-05 TRAILER SEPTIC SYSTEM	40	1,854
1130-16 DRILLING BITS		23,581	1130-50-08 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 I DDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	3,390	16,485	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	5,500	1150-06 CASING PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	3,150	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost 14,564  
 Previous Total 266,687  
 Cumulative to date 281,251

<b>McMURRY OIL CO.</b>				Activity at Report Time, 6AM	
<b>DAILY DRILLING REPORT</b>				DRILLING	
Lease	Willow Creek #1	Legal	Section 11 T13N R20E	Depth	4130
Date	16-Nov-97	Days since Spud	7	24 hr Footage	480
Contractor	Norton 6	Co./State	Utah Co., Utah	Formation	Wasatch

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
1.50	1.50	6 am- 7:30 am, drill 3650'-3709'; 39 fph
0.50		7:30 am- 8 am, rig service, ck BOP's
5.00	5.00	8 am- 1 pm, drill 3709'-3804'; 19 fph
3.60		1:00 pm- 4:30 pm, trip OOH-PU bit #4, TIH
0.50		4:30 pm- 5 pm, break circulation-wash 30' to bottom
4.50	4.50	5 pm- 9:30 pm, drill 3804'- 3940'; 30 fph
0.75		9:30 pm- 10:15 pm, rig service-pump repair
1.75	1.75	10:15 pm- 12 am, drill 3940'-3991'; 29 fph
0.50		12 am-12:30 am, survey
5.50	5.50	12:30 am- 6 am, drill 3991'-4130'; 25.3 fph
24.00	18.25	Total Cum Rotating Hours 108.50 Motor Hours Cum 78.75

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#3 w/motor	HTC	K42YH	2,556	7 7/8	GT28	11-11-11	1094	44.75	24.4	4-4-in
#4 w/motor	HTC	L22YF	3,804	7 7/8	GT20	11-11-11	326	11.75	27.7	

Mud Properties		Pump Data			Surveys		BHA	Length
%kcl	wt	Make	#1	#2	Depth	Degree		
2.5	8.8	GD	GD	GD	968'	1/4	bit	1.50
vis 33	33	Model	PZ-8	PZ-8	1465'	1	no sub	
filtrate 13.4	13.4	Liners	6 1/2 X 8	6 X 8	1965'	1 1/4	motor	22.15
cake 2/32	2/32	PSI-Off bitrm	1400		2453'	1 1/4	no sub	
ph 9	9	PSI - Drilling	1700		2938'	1	no sub	
cl 17,000	17,000	SPM	105		3408'	2	6" DC'e	
% sol 4	4	BPS	0.078	0.067	3908'	1 1/4	no sub	
% sand trace	trace	Hydraulics					6-1/4" DC	622.95
pv 9	9	GPM		344			no sub	
yp 11	11	Wt on Bit		35-45M			HWDP	
Ca 140	140	RPM Surface		60-65			BHA	646.60
%LCM 0%	0%	RPM Downhole		114			No. of DC	21
							HWDP	0

Bit #3, very good shape, no broken or missing buttons, no skirt wear, cones tight, cone tips very good shape. Ran softer bit with more aggressive button length & pattern.

No shows during last 24 hours.

SUPERVISOR DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **16-Nov-97**

**DAYS FROM SPUD 7**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	1,350	11,010
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	700
1130-04-06 CULVERTS		0	CENTRIFUGE	368	3,276
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	2,070
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,125
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	525
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	2,500
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	990
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	61,650	1130-50-01 TRASH CAGES	10	493
1130-12-02 BOILER - DAYWORK RIG	456	3,876	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	1,706
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	180
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,814
1130-16 DRILLING BITS	6,085	23,581	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 EL. FCTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 I/DDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	500	13,095	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	4,950	1150-06 CASING PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	2,800	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost	<u>18,309</u>
Previous Total	<u>248,378</u>
Cumulative to date	<u>266,687</u>



**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**

Date **15-Nov-97**

DAYS FROM SPUD **6**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	1,900	9,660
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	600
1130-04-06 CULVERTS		0	CENTRIFUGE	368	2,908
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	1,900
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	1,000
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	450
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	2,100
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	880
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	54,090	1130-50-01 TRASH CAGES	10	483
1130-12-02 BOILER - DAYWORK RIG	456	3,420	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	1,666
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	160
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,774
1130-16 DRILLING BITS		17,496	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER	1,183	1,183
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-18 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	3,120	12,595	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140 18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	4,400	1150-06 CAGING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	2,450	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost 16,577  
Previous Total 231,801  
Cumulative to date 248,378

# McMURRY OIL CO DAILY DRILLING REPORT

Activity at Report Time, 6AM

Lease	Willow Creek #1	Legal	Section 11 T13N R20E	DRILLING	Depth	3070
Date	14-Nov-97	Days since Spud	5	24 hr Footage	629	
Contractor	Norton 6	Co./State	Utah Co., Utah	Formation	Wasatch	

ACTIVITY LAST 24 HOURS

Hours	Rotating Hours	Activity
2.50	2.50	8 am-8:30 am, drill 2441'-2503'
0.50		8:30 am-9 am, circ & survey
1.00	1.00	9 am-10 am, drill 2503'-2556'
2.00		10 am-12 am, TOOH
2.00		12 am-2 pm, PU & run bit #3, TIH
4.50	4.50	2 pm-6:30 pm, drill 2556'-2691'
0.50		6:30 pm-7 pm, service rig
8.25	8.25	7 pm-3:15 am, drill 2692'-2968'
0.50		3:15 am-3:45 am, survey-service rig
2.25	2.25	3:45 am-6 am, drill 2968'-3070'
<b>24.00</b>	<b>18.50</b>	<b>Total Cum Rotating Hours 67.00 Motor Hours Cum 37.25</b>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
#2 w/motor	HTC	F38YP	2,266	7 7/8	ATJ33H	15-15-15	290	11.75	24.7	2-2-in
#3 w/motor	HTC	K42YH	2,556	7 7/8	GT28	11-11-11	514	15	34.3	

**Mud Properties**

%kcl	3
wt	8.6
vis	35
filtrate	14.4
cake	2/32
ph	8.5
cl	17,000
% sol	3
% sand	1/8 of 1%
pv	12
yp	18
Ca	180
%LCM	0%

**Pump Data**

	#1	#2
Make	GD	GD
Model	PZ-8	PZ-8
Liners	6 1/2 X 8	6 X 8
PSI-Off bitm	1300	
PSI - Drilling	1550	
SPM	105	
BPS	0.078	0.067
<b>Hydraulics</b>		
GPM		344
Wt on Bit		40 M
RPM Surface		60
RPM Downhole		114

**Surveys**

Depth	Degree
968'	1/4
1465'	1
1965'	1 1/4
2453'	1 1/4
2938'	1

**BHA**

**Length**

bit	1.50
xo sub	
motor	22.15
xo sub	
xo sub	
8" DC's	
xo sub	
6-1/4" DC	622.95
xo sub	
HWDP	
<b>BHA</b>	<b>648.60</b>
No. of DC	21
HWDP	0

Wasatch top estimated @ 2326'.

#2 bit drilling to slow, will go back to GT28, HTC engineer-Gary Engmire agrees with this.

SUPERVISOR

DOUG FLACK

**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**

Date **14-Nov-97**

DAYS FROM SPUD **5**

Cost Category		Daily	Cum.	Cost Category	Daily	Cum.
1130	INTANGIBLE DRILLING		0	1130-34	WATER & HAULING WATER	0
1130-02-03	SURVEYING		2,108	1130-34-01	PURCHASE WATER	0
1130-02-05	ENVIRONMENTAL		0	1130-34-02	WATER HAULING	7,760
1130-04	LOCATION, ROADS, PITS		0	1130-34-03	RENTAL-WTR WELL&GENR	0
1130-04-01	BUILDING LOC. & ROAD		13,856	1130-40	TRUCKING / HAULING	2,356
1130-04-02	CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01	HAUL PROD. CASING	0
1130-04-03	FENCING MATERIAL		0	1130-40-02	HAUL MISC. SUPPLIES	0
1130-04-04	LABOR TO FENCE PITS		0	1130-42	EQUIPMENT RENTAL	0
1130-04-05	CATTLE GUARDS		0	1130-42-01	ROT, HEAD & RUBBERS	100
1130-04-06	CULVERTS		0		CENTRIFUGE	368
1130-04-07	RESTORE LOCATION-ROAD		0	1130-42-01	ROT, HEAD & RUBBERS	500
	CAT/GRADER-PULL EQUIP.		1,000	1130-42-03	SUPER CHK, PIT ALARMS	170
1130-04-09	LABOR TO INST PIT LINER		0	1130-42-04	LOCUST MUD MIXER	0
1130-04-10	GRAVEL		0	1130-42-05	FORKLIFT RENTAL	125
1130-04-11	LAND DAMAGES		0	1130-42-06	WILDCAT AUTO DRLR	75
1130-10	DRILLING RIG-FOOTAGE		0	1130-42-07	SHOCK SUB RENTAL	0
1130-10-01	FOOTAGE - DRILLING RIG		0	1130-42-08	DRLG DOWNHOLE MOTOR	400
1130-10-02	BOILER - FTG DRLG RIG		0	1130-42-10	FRAC TANK RENTAL	0
1130-12	DRILLING RIG-DAY RATE		0	1130-50	TRAILER	110
1130-12-01	DAYWORK - DRILLING RIG	7,560	46,530	1130-50-01	SANITATION, DRNKG WTR	0
1130-12-02	BOILER - DAYWORK RIG	456	2,964	1130-50-01	TRASH CAGES	10
1130-13	DRILLING RIG MOB/DEMOMB		54,000	1130-50-02	EMPTY TRASH CAGES	413
	RIG STANDBY-before move		26,400	1130-50-02	POTABLE WATER	40
			0	1130-50-03	PORTA POTS	20
1130-16	DRILLING BITS	11,411	17,496	1130-50-04	TRAILER SEPTIC SYSTEM	40
1130-18	CEMENT SURFACE CSG		3,885	1130-50-05	EMPTY SEPTIC SYSTEMS	0
1130-20	DRILL STEM TESTING		0	1130-50-06	EMPTY SEPTIC SYSTEMS	0
1130-22	CORING		0	1130-52	ROUSTABOUT CREWS & WELDER	0
1130-24	ELECTRIC LOGGING		0	1130-60	CONTINGENCY	0
1130-26	PROFESSIONAL SERVICES		0	1140	INTANGIBLE COMP.	0
1130-26-01	LEGAL SERVICES		0	1140-16	CASING CREW-PROD.	0
1130-26-02	ENGINEERING SFRVICFS	4,664		1140-16-01	LAY DOWN DRILL PIPE	0
1130-26-03	GEOLOGICAL SERVICES		0	1140-16-02	CLEAN & DRIFT PROD CSG	0
1130-28	DRILLING MUD MATERIAL	500	9,475	1140-16-03	IDDP & DC, RUN PROD CSG	0
1130-30	CASING CREW - SURFACE		0	1140-16-04	FORKLIFT-UNLOAD CSG	0
	FISHING		0	1140-16-05	SAND BLASTING CASING	0
	SUPPLIES		0	1140-18	CEMENT LONG STRING	0
1130-31	WELL SITE SUPERVISOR	550	3,850	1150	TANGIBLE EQUIPMENT	0
1130-32	GEOLOGIST		0	1150-04	CASING - SURFACE	4,257
1130-33	MUD LOGGER	350	2,100	1150-06	CASING - PRODUCTION	0
	BOP TESTER		1,270	1150-08	CASING - INTERMEDIATE	0
				1150-14	WELLHEAD EQUIPMENT	900
						0

Total Daily Cost	22,688
Previous Total	209,113
Cumulative to date	231,801



**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **14-Nov-97**

**DAYS FROM SPUD 5**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING		7,760
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	500
1130-04-06 CULVERTS		0	CENTRIFUGE	368	2,540
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK. PIT ALARMS	170	1,730
CAT/GRADER-PULL EQUIP.		1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	875
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	375
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	1,700
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	770
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	46,530	1130-50-01 TRASH CAGES	10 413	473
1130-12-02 BOILER - DAYWORK RIG	456	2,964	1130-60-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-60-03 POTABLE WATER	40	1,626
RIG STANDBY-before move		26,400	1130-60-04 PORTA POTS	20	140
			1130-60-05 TRAILER SEPTIC SYSTEM	40	1,734
1130-16 DRILLING BITS	11,411	17,496	1130-60-08 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WFL DFR		0
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-28-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-28-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. C&G		0
1130-28-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	500	9,475	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	3,850	1150-08 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	2,100	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost	<u>22,688</u>
Previous Total	<u>209,113</u>
Cumulative to date	<u>231,801</u>

<b>McMURRY OIL CO</b> <b>DAILY DRILLING REPORT</b>				<b>Activity at Report Time, 6AM</b>	
				DRILLING	
<b>Lease</b>	<b>Willow Creek #1</b>	<b>Legal</b>	<b>Section 11 T13N R20E</b>	<b>Depth</b>	<b>2441</b>
<b>Date</b>	<b>13-Nov-97</b>	<b>Days since Spud</b>	<b>4</b>	<b>24 hr Footage</b>	<b>581</b>
<b>Contractor</b>	<b>Norton 6</b>	<b>Co./State</b>	<b>Utah Co., Utah</b>	<b>Formation</b>	<b>Wasatch</b>

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
4.00	4.00	6 am- 10 am, drill 1860'-2015'
0.50		10 am- 10:30 am, circ & survey at 1965'
5.50	5.50	10:30 am- 4 pm, drill 2015'-2266'
1.50		4 pm- 5:30 pm, TOOH for new bit
0.50		5:30 pm- 6 pm, work BOP's, pipe & blinds
0.50		6 pm- 6:30 pm, service rig
1.00		6:30 pm- 7:30 pm, PU motor & #2 bit, TIH
2.00	2.00	7:30 pm- 9:30 pm, drill 2266'-2360'
2.25		9:30 pm- 11:45 pm, repack swivel
6.25	6.25	11:45 pm- 6 am, drill 2360'-2441'
<b>24.00</b>	<b>17.75</b>	<b>Total</b>
		<b>Cum Rotating Hours</b>
		<b>48.50</b>
		<b>Motor Hours Cum</b>
		<b>18.75</b>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
1	HTC	D87YF	460	7 7/8	GT-28	11-11-11	419	10.5	39.9	motor
RR1	HTC	D87YF	879	7 7/8	GT-28	20-20-20	981	20.25	48.4	3-3-1/16
					Bit #1	TOTAL	1400	30.75	45.5	
2	HTC	F38YP	2,266	7 7/8	ATJ33H	15-15-15	175	8.25	21.2	motor

Mud Properties		Pump Data		Surveys		BHA	Length
%kcl	3	#1	#2	Depth	Degree		
wt	8.6	Make	GD	968'	1/4	bit	1.50
vis	35	Model	PZ-8	1465'	1	xo sub	
filtrate	14.4	Liners	6 1/2 X 8	1965	1 1/4	motor	22.15
cake	2/32	PSI-Off btm	700			xo sub	
ph	8.5	PSI - Drilling	1000			xo sub	
cl	17000	SPM	112			8" DC's	
% sol	3	BPS	0.078			xo sub	
% sand	1/8 of 1%	Hydraulics				6-1/4" DC	622.95
pv	12	GPM	315			xo sub	
yp	18	Wt on Bit	40 M			HWDP	
Ca	180	RPM Surface	60			BHA	646.60
%LCM	0%	RPM Downhole	104			No. of DC	21
						HWDP	0

Wasatch top estimated @ 2326'.  
converted over to KCL system at 2266'.

SUPERVISOR DOUG FLACK

**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**

Date **13-Nov-97**

**DAYS FROM SPUD 4**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	850	7,760
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG	2,655	14,467	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	400
1130-04-06 CULVERTS		0	CENTRIFUGE	368	2,172
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	1,560
CAT/GRADER-PULL EQUIP.	1,000	1,000	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	750
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	300
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	400	1,300
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	660
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	38,970	1130-50-01 TRASH CAGES	10	60
1130-12-02 BOILER - DAYWORK RIG	456	2,508	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	542
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	120
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,694
		6,085	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-16 DRILLING BITS		3,885	1130-52 ROUSTABOUT CREWS & WELDER		0
1130-16 CEMENT SURFACE CSG		0	1130-60 CONTINGENCY		0
1130-20 DRILL STEM TESTING		0	1140 INTANGIBLE COMP.		0
1130-22 CORING		0	1140-16 CASING CREW-PROD.		0
1130-24 ELECTRIC LOGGING		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-01 LEGAL SERVICES		0	1140-16-03 LDDP & DC, RUN PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-05 SAND BLASTING CASING		0
1130-28 DRILLING MUD MATERIAL	2,595	8,975	1140-18 CEMENT LONG STRING		0
1130-30 CASING CREW - SURFACE		0	1150 TANGIBLE EQUIPMENT		0
FISHING		0	1150-04 CASING - SURFACE		4,257
SUPPLIES		0	1150-09 CASING - PRODUCTION		0
1130-31 WELL SITE SUPERVISOR	550	3,300	1150-08 CASING - INTERMEDIATE		0
1130-32 GEOLOGIST		0	1150-14 WELLHEAD EQUIPMENT		900
1130-33 MUD LOGGER	350	1,750			0
BOP TESTER		1,270			0

Total Daily Cost	<u>17,976</u>
Previous Total	<u>191,137</u>
Cumulative to date	<u>209,113</u>

# McMURRY OIL CO. DAILY DRILLING REPORT

Activity at Report Time, 6AM

DRILLING

Lease	Willow Creek #1	Legal	Section 11 T13N R20E	Depth	1860
Date	12-Nov-97	Days since Spud	3	24 hr Footage	981
Contractor	Norton 6	Co./State	Utah Co., Utah	Formation	Green River

ACTIVITY LAST 24 HOURS

Hours	Rotating Hours	ACTIVITY LAST 24 HOURS
2.50		8 am- 8:30 am, mix mud-LCM, trip in to TD
3.50	3.50	8:30 am- 12 am, drill 879' to 1018'
0.50		12 am- 12:30 am, circ & survey @ 968'
4.00	4.00	12:30 am- 4:30 pm, drill 1018' to 1236'
0.50		4:30 pm- 5 pm, service rig, BOP drill
2.00	2.00	5 pm- 7 pm, drill 1236' to 1280'
4.00	4.00	7pm- 11 pm, drill 1280' to 1517'
0.25		11 pm- 11:15 pm, survey @ 1,465'
6.75	6.75	11:15 pm- 6 am, drill 1517' to 1860'
<b>24.00</b>	<b>20.25</b>	<b>Total Cum Rotating Hours 30.75</b>
		<b>Motor Hours Cum 10.50</b>

Bit No.	manuf.	serial no.	depth in	size	type	jets	footage	hrs	ft/hr	grade T-B-G
1	HTC	D87YF	460	7 7/8	GT-28	11-11-11	419	10.5	39.9	
RR1	HTC	D87YF	879	7 7/8	GT-28	20-20-20	981	20.25	48.4	
<b>total #1 bit hrs</b>							<b>1400</b>	<b>30.75</b>	<b>45.5</b>	

**Mud Properties**

**Pump Data**

**Surveys**

**BHA**

**Length**

wt	8.6+	Make	#1	#2	Depth	Degree	BHA	Length
vis	39	Model	GD	GD	968'	1/4	bit	1.50
filtrate		Liners	PZ-8	PZ-8	1465'	1	xo sub	3.00
cake		PSI-Off bttm	6 1/2 X 8	6 X 8			motor	
ph		PSI - Drilling	400				xo sub	
cl		SPM	110				xo sub	
% sol		BPS	0.078	0.067			8" DC's	
% sand		Hydraulics					xo sub	
pv		GPM		360			6-1/4" DC	622.95
yp		Wt on Bit		40 M			xo sub	
Ca		RPM Surface		60			HWDP	
%LCM	<2%	RPM Downhole		0			BHA	627.45
							No. of DC	21
							HWDP	0

no mud check.  
Shaking out LCM, desander & desilter & centrifuge running. Have not started KCL yet.

UPERVISOR DOUG FLACK

**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **12-Nov-97**

DAYS FROM SPUD **3**

Cost Category

	Daily	Cum.	Cost Category	Daily	Cum.
1130		0	1130-34		0
1130-02-03		2,108	1130-34-01		0
1130-02-05		0	1130-34-02	850	6,910
1130-04		0	1130-34-03		0
1130-04-01		13,856	1130-40		2,356
1130-04-02		11,812	1130-40-01		0
1130-04-03		0	1130-40-02		0
1130-04-04		0	1130-42		0
1130-04-05		0	1130-42-01	100	300
1130-04-06		0		368	1,804
1130-04-07		0	1130-42-03	170	1,390
1130-04-08		0	1130-42-04		0
1130-04-09		0	1130-42-05	125	625
1130-04-10		0	1130-42-06	75	225
1130-04-11		0	1130-42-07		0
1130-10		0	1130-42-08	300	900
1130-10-01		0	1130-42-10		0
1130-10-02		0	1130-50	110	550
1130-12		0	1130-50-01		0
1130-12-01	7,560	31,410	1130-50-02	10	50
1130-12-02	456	2,052	1130-50-03		0
1130-13		54,000	1130-50-04	40	1,044
		26,400	1130-50-05	20	100
		0	1130-50-06	40	1,654
1130-16		6,085	1130-50-08		0
1130-18		3,885	1130-52		0
1130-20		0	1130-60		0
1130-22		0	1140		0
1130-24		0	1140-16		0
1130-26		0	1140-16-01		0
1130-26-01		0	1140-16-02		0
1130-26-02		4,664	1140-16-03		0
1130-26-03		0	1140-16-04		0
1130-28	1,600	6,380	1140-16-05		0
1130-30		0	1140-18		0
		0	1150		0
		0	1150-04		4,257
1130-31	550	2,750	1150-06		0
1130-32		0	1150-08		0
1130-33	350	1,400	1150-14		900
		1,270			0

Total Daily Cost 12,724  
Previous Total 178,413  
Cumulative to date 191,137



**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **11-Nov-97**

DAYS FROM SPUD **2**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING	2,108	2,108	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	2,350	6,060
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING		2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		11,812	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	200
1130-04-06 CULVERTS		0	CENTRIFUGE	368	1,436
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	1,220
1130-04-08 PIT LINERS		0	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	500
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	150
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	300	600
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	440
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	23,850	1130-50-01 TRASH CAGES	10	40
1130-12-02 BOILER - DAYWORK RIG	456	1,596	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	904
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	80
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,614
1130-18 DRILLING BITS		6,085	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		0
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL	2,680	4,780	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	2,200	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	1,050	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER		1,270			0

Total Daily Cost	18,276
Previous Total	160,137
Cumulative to date	178,413

**McMURRY OIL CO.**

**DAILY COSTS**

Well **Willow Creek #1**

Date **10-Nov-97**

DAYS FROM SPUD **1**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		0	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	250	3,710
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD		13,856	1130-40 TRUCKING / HAULING	2,000	2,356
1130-04-02 CONDUCTOR/RAT HOLE RIG		11,812	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS	100	100
1130-04-06 CULVERTS		0	CENTRIFUGE	368	1,068
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	170	1,050
1130-04-08 PIT LINERS		0	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	375
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR	75	75
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DOWNHOLE MOTOR	300	300
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	330
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNGNG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7,560	16,290	1130-50-01 TRASH CAGES	10	30
1130-12-02 BOILER - DAYWORK RIG	456	1,140	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB		54,000	1130-50-03 POTABLE WATER	40	100
RIG STANDBY-before move		26,400	1130-50-04 PORTA POTS	20	60
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,574
1130-16 DRILLING BITS	6,085	6,085	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG		3,885	1130-52 ROUSTABOUT CREWS & WELDER		0
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES		4,664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL		2,100	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE		4,257
1130-31 WELL SITE SUPERVISOR	550	1,650	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER	350	700	1150-14 WELLHEAD EQUIPMENT		900
BOP TESTER	1,270	2,540			0

Total Daily Cost	<u>19,879</u>
Previous Total	<u>141,528</u>
Cumulative to date	<u>161,407</u>





<b>McMURRY OIL CO.</b>				<b>Activity at Report Time, 6AM</b>	
<b>DAILY DRILLING REPORT</b>					
Lease	Willow Creek #1	Legal	Section 11 T13N R20E	rig up	
Date	8-Nov-97	Days since Spud	0	Depth	460
Contractor	Norton 6	Co./State	Uintah Co., Utah	24 hr Footage	0
				Formation	Green River

ACTIVITY LAST 24 HOURS

Hours	Rotating Hours	
24.00		rig up Norton Rig #6
24.00	0.00	Total
		Cum Rotating Hours
	0.00	Motor Hours Cum
		0.00

Bit No.	Manuf.	Serial No.	Depth In	SIZE	TYPE	JETS	Footage	Hrs	Ft/hr	Grade T-B-G

Mud Properties		Pump Data		Surveys		BHA	Length
wt	vis	Make	#1	#2	Depth	Degree	bit
		Model	GD	GD			
filtrate		Liners	PZ-8	PZ-8			xo sub
cake		PSI-Off bitm					motor
ph		PSI - Drilling					xo sub
cl		SPM					xo sub
% sol		BPS					8" DC's
% sand		Hydraulics					xo sub
pv		GPM					6-1/4" DC
yp		Mt on Bit					xo sub
Ca		RPM Surface					HWDP
%LCM		RPM Downhole					BHA
							No. of DC
							HWDP

Remarks: 8 5/8" 24#, LTC, J55 casing was previously set by Bill Jr. Rat Hole Service. Casing was landed at 444' (float at 403'), cemented to surface with 80 sacks 35:65 poz & tailed with 70 sacks premium cement.

REPAIRED BY: DOUG FLACK

**McMURRY OIL CO**

**DAILY COSTS**

Well **Willow Creek #1**  
Date **8-Nov-97**

Cost Category	Daily	Cum.	Cost Category	Daily	Cum.
1130 INTANGIBLE DRILLING		0	1130-34 WATER & HAULING WATER		0
1130-02-03 SURVEYING		0	1130-34-01 PURCHASE WATER		0
1130-02-05 ENVIRONMENTAL		0	1130-34-02 WATER HAULING	3210	3210
1130-04 LOCATION, ROADS, PITS		0	1130-34-03 RENTAL-WTR WELL&GENR		0
1130-04-01 BUILDING LOC. & ROAD	13856	13856	1130-40 TRUCKING / HAULING	356	356
1130-04-02 CONDUCTOR/RAT HOLE RIG	11812	11812	1130-40-01 HAUL PROD. CASING		0
1130-04-03 FENCING MATERIAL		0	1130-40-02 HAUL MISC. SUPPLIES		0
1130-04-04 LABOR TO FENCE PITS		0	1130-42 EQUIPMENT RENTAL		0
1130-04-05 CATTLE GUARDS		0	1130-42-01 ROT. HEAD & RUBBERS		0
1130-04-06 CULVERTS		0	CENTRIFUGE	368	700
1130-04-07 RESTORE LOCATION-ROAD		0	1130-42-03 SUPER CHK, PIT ALARMS	710	710
1130-04-08 PIT LINERS		0	1130-42-04 LOCUST MUD MIXER		0
1130-04-09 LABOR TO INST PIT LINER		0	1130-42-05 FORKLIFT RENTAL	125	125
1130-04-10 GRAVEL		0	1130-42-06 WILDCAT AUTO DRLR		0
1130-04-11 LAND DAMAGES		0	1130-42-07 SHOCK SUB RENTAL		0
1130-10 DRILLING RIG-FOOTAGE		0	1130-42-08 DRLG DNHOLE MOTOR		0
1130-10-01 FOOTAGE - DRILLING RIG		0	FRAC TANK RENTAL		0
1130-10-02 BOILER - FTG DRLG RIG		0	1130-42-10 TRAILER	110	110
1130-12 DRILLING RIG-DAY RATE		0	1130-50 SANITATION, DRNKG WTR		0
1130-12-01 DAYWORK - DRILLING RIG	7560	7560	1130-50-01 TRASH CAGES	10	10
1130-12-02 BOILER - DAYWORK RIG	456	456	1130-50-02 EMPTY TRASH CAGES		0
1130-13 DRILLING RIG MOB/DEMOB	54000	54000	1130-50-03 POTABLE WATER	20	20
RIG STANDBY-before move	26400	26400	1130-50-04 PORTA POTS	20	20
		0	1130-50-05 TRAILER SEPTIC SYSTEM	40	1,494
1130-16 DRILLING BITS		0	1130-50-06 EMPTY SEPTIC SYSTEMS		0
1130-18 CEMENT SURFACE CSG	3885	3885	1130-52 ROUSTABOUT CREWS & WELDER		0
1130-20 DRILL STEM TESTING		0	1130-60 CONTINGENCY		0
1130-22 CORING		0	1140 INTANGIBLE COMP.		0
1130-24 ELECTRIC LOGGING		0	1140-16 CASING CREW-PROD.		0
1130-26 PROFESSIONAL SERVICES		0	1140-16-01 LAY DOWN DRILL PIPE		0
1130-26-01 LEGAL SERVICES		0	1140-16-02 CLEAN & DRIFT PROD CSG		0
1130-26-02 ENGINEERING SERVICES	4664	4664	1140-16-03 LDDP & DC, RUN PROD. CSG		0
1130-26-03 GEOLOGICAL SERVICES		0	1140-16-04 FORKLIFT-UNLOAD CSG		0
1130-28 DRILLING MUD MATERIAL		0	1140-16-05 SAND BLASTING CASING		0
1130-30 CASING CREW - SURFACE		0	1140-18 CEMENT LONG STRING		0
FISHING		0	1150 TANGIBLE EQUIPMENT		0
SUPPLIES		0	1150-04 CASING - SURFACE	4257	4257
1130-31 WELL SITE SUPERVISOR	550	550	1150-06 CASING - PRODUCTION		0
1130-32 GEOLOGIST		0	1150-08 CASING - INTERMEDIATE		0
1130-33 MUD LOGGER		0	1150-14 WELLHEAD EQUIPMENT	900	900
BOP TESTER		0			0

Total Daily Cost	<u>135,095</u>
Previous Total	<u>0</u>
Cumulative to date	<u>135,095</u>

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> WAIT ON RIG
<b>LEASE:</b> WILLOW CREEK # 1 <b>DATE:</b> 13-Sep-97 <b>DAYS SINCE SPUD:</b> <b>CONTRACTOR:</b> 0 0	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** ADDENDUM TO CONSTRUCTION REPORT TO ALLOCATE COSTS.

DAILY COST: \$35,557.67      CUM COST: \$35,557.67

BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE

**WOB** \_\_\_\_\_      **RPM** \_\_\_\_\_      **BHA** \_\_\_\_\_

**SURVEYS:**

	@
	@
	@
	@

	#1	#2
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

<b>MUD:</b>	wt	_____
	vis	_____
	filtrate	_____
	cake	_____
	ph	_____
	cl	_____
	% sol	_____
	pv	_____
	yp	_____
	mbt	_____
	Ca	_____

**MUD COMMENTS:**

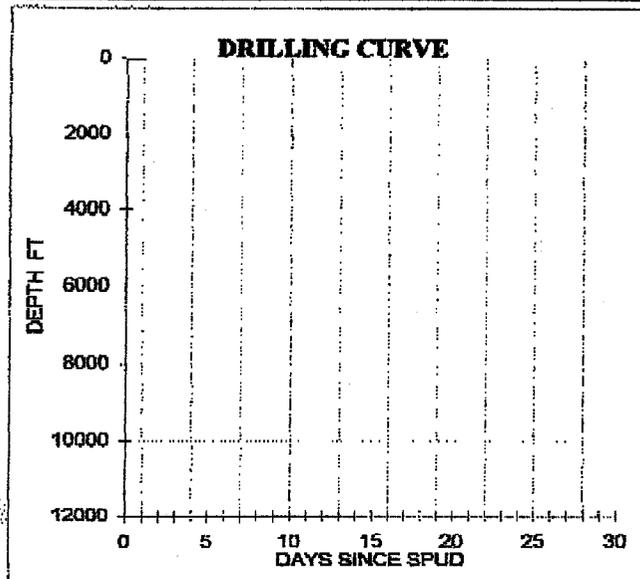
**OPERATION HRS:** \_\_\_\_\_ **HRS**

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**REPORTED BY:** PAT CLARK



<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> WAIT ON RIG
<b>LEASE: WILLOW CREEK # 2</b> <b>DATE: 13-Sep-97 DAYS SINCE SPUD:</b> <b>CONTRACTOR: 0 0</b>	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** ADDENDUM TO CONSTRUCTION REPORT TO ALLOCATE COSTS.

		DAILY COST: \$37,749.02			CUM COST: \$37,749.02		
BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	

	#1	#2
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

\_\_\_\_\_

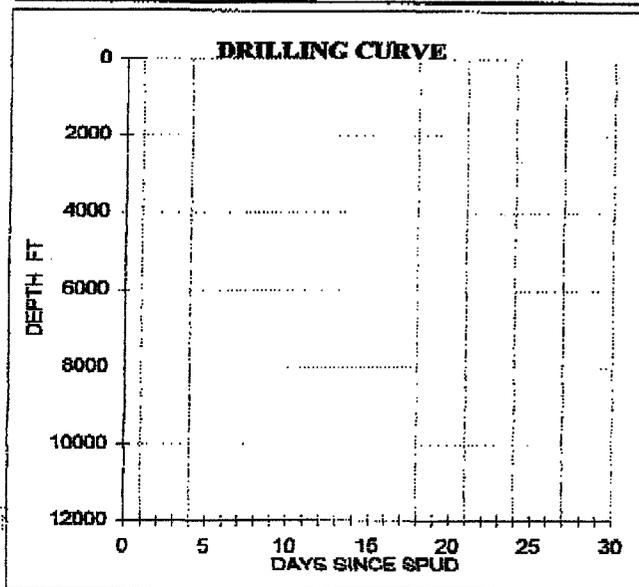
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\_\_\_\_\_

HRS



**REPORTED BY: PAT CLARK**



<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>		<b>PRESENT OPERATION:</b> WELD CASING HEADS
<b>LEASE: WILLOW CREEK # 1 &amp; #2</b>		<b>DEPTH:</b> _____
<b>DATE: 12-Sep-97 DAYS SINCE SPUD:</b>		<b>FORMATION:</b> _____
<b>CONTRACTOR:</b> 0 0		<b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** DIG CELLARS ON WEST WILLOW CREEK #1 & #2 W/ JACKSON CONSTRUCTION. CUT OFF CASING & WELD ON 8 5/8" 3000# CASING HEAD W/ WELDED COVER ON WEST WILLOW CREEK #1 & #2.

		DAILY COST:	\$520.00	CUM COST:	\$3,840.00		
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt \_\_\_\_\_

vis \_\_\_\_\_

filtrate \_\_\_\_\_

cake \_\_\_\_\_

ph \_\_\_\_\_

cl \_\_\_\_\_

% sol \_\_\_\_\_

pv \_\_\_\_\_

yp \_\_\_\_\_

mbt \_\_\_\_\_

Ca \_\_\_\_\_

**MUD COMMENTS:**

\_\_\_\_\_

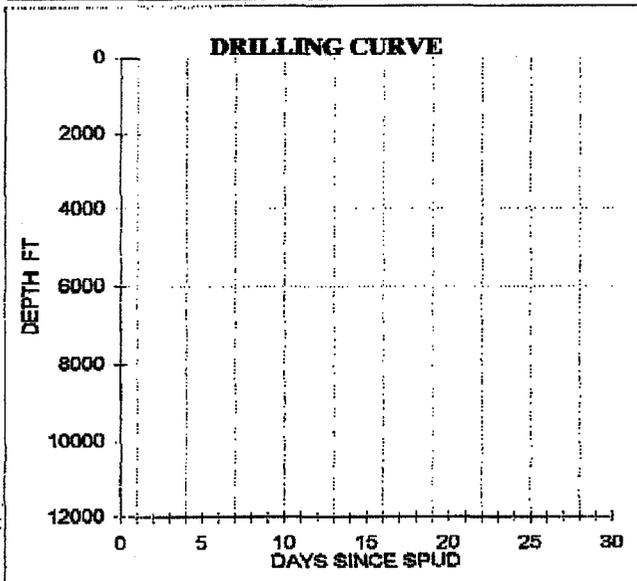
**OPERATION HRS:** \_\_\_\_\_ **HRS**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**REPORTED BY:** PAT CLARK





<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b> LEASE: <b>WILLOW CREEK # 1 &amp; #2</b> DATE: <b>11-Sep-97</b> DAYS SINCE SPUD: CONTRACTOR:                   0                   0	<b>PRESENT OPERATION:</b> DRILL, RUN, & CEMENT SURFACE DEPTH: <u>444</u> FORMATION: FOOTAGE LAST 24 HRS:
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**REMARKS:** FINISH DRILLING SURFACE ON WILLOW CREEK #1. RUN 444.70' OF 8 5/8" CASING. RDMO. MIRU BILL JR. ON WILLOW CREEK #2. DRILL SURFACE. RUN 443.8' 8 5/8" CASING. RDMO BILL JR. MIRU DOWELL CEMENTERS ON WILLOW CREEK #1. CEMENT CASING W/ 80 SX 35:65 POZ1G 6% D20. 2% S1. 25#/SK D29 LEAD. TAIL W/ 70 SX D907 2% S1. 25% D29. FULL RETURNS. BUMP PLUG @ 900 PSI. RDMO. MIRU WILLOW CREEK #2. CEMENT CASING W/ SAME AS #1. RDMO DOWELL CEMENTERS.

	DAILY COST: \$520.00	CUM COST: \$8,320.00					
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____	<b>RPM</b> _____	<b>BHA</b>					

**SURVEYS:**

_____	#1
_____	#2
_____	
_____	

	#1	#2
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

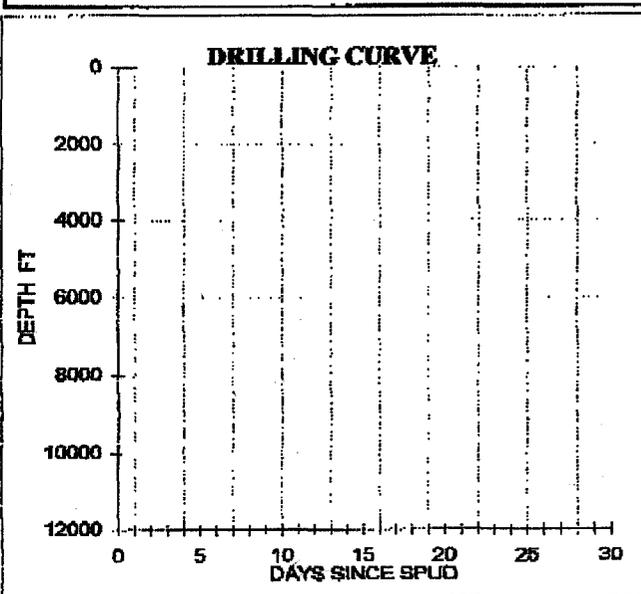
**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

_____	HRS
_____	
_____	
_____	
_____	



REPORTED BY: **PAT CLARK**



<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> DRILL SURFACE
<b>LEASE:</b> WILLOW CREEK # 1 & #2 <b>DATE:</b> 10-Sep-97 <b>DAYS SINCE SPUD:</b> _____ <b>CONTRACTOR:</b> 0                    0	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** DRILL SURFACE ON WILLOW CREEK #1 W/ BILL JR. RATHOLE DIGGERS. HAUL WATER TO RESERVE PITS

UTAH STATE OIL & GAS COMMISSION NOTIFIED OF SPUD.

		DAILY COST: \$520.00			CUM COST: \$7,800.00		
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

@	_____
@	_____
@	_____
@	_____

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

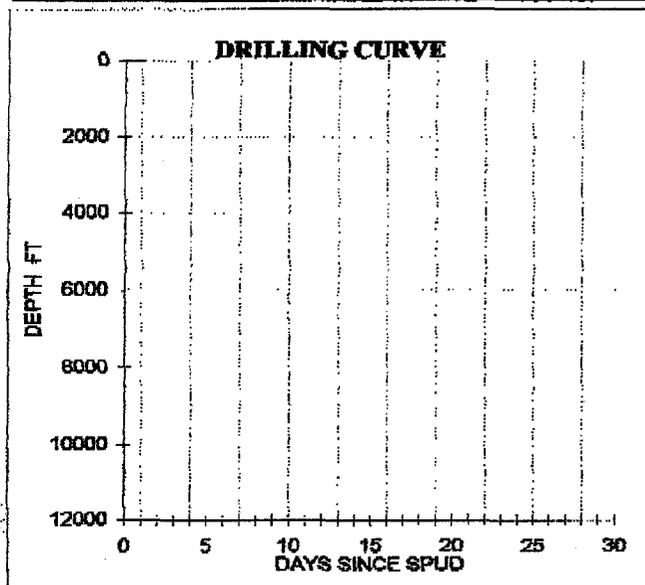
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HRS



**REPORTED BY:**                    **PAT CLARK**



<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS _____
<b>LEASE: WILLOW CREEK # 1 &amp; #2</b>	<b>DEPTH:</b> _____
<b>DATE: 9-Sep-97 DAYS SINCE SPUD:</b>	<b>FORMATION:</b> _____
<b>CONTRACTOR:</b> 0 0	<b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** LINE PITS ON WILLOW CREEK #1 & #2. HAUL 160 BBLs. TO #2 & 480 BBLs TO #1 TO HOLD LINERS IN PLACE. MIRU BILL JR. RATHOLE DIGGER. PREPARE TO DRILL SURFACE.

		DAILY COST: \$520.00			CUM COST: \$7,280.00		
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

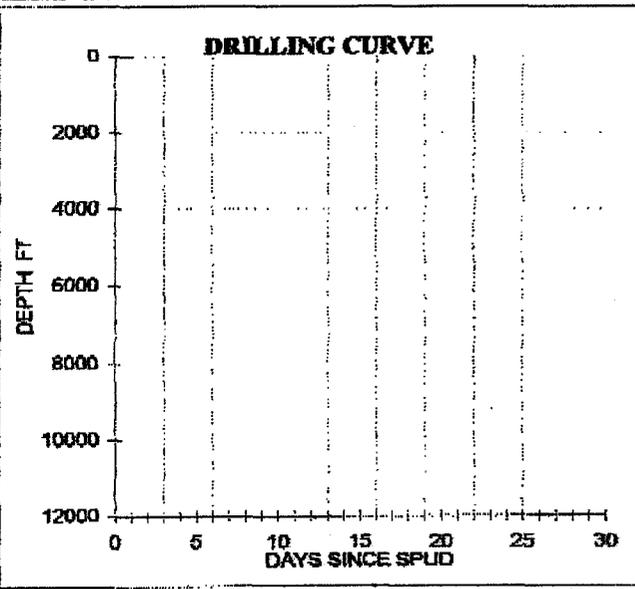
**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

_____	<b>HRS</b>
_____	
_____	
_____	
_____	
_____	



**REPORTED BY: PAT CLARK**





<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS _____ DEPTH: _____ FORMATION: _____ FOOTAGE LAST 24 HRS: _____
LEASE: <b>WILLOW CREEK # 1 &amp; #2</b> DATE: <b>7-Sep-97</b> DAYS SINCE SPUD: _____ CONTRACTOR: _____	

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. FINISHED CLEANING RESERVE PIT & FLARE PIT ON WILLOW CREEK #2. FINAL GRADED W/ MAINTAINER. ROADED EQUIPMENT TO WILLOW CREEK #1. BLADED ROAD TO FINAL GRADE. FINISH FLARE PIT AND FINAL GRADE ON WILLOW CREEK #1.

**EQUIPMENT USED:** MAINTAINER, D-8 CAT  
 WILLOW CREEK #1: 100% COMPLETE  
 WILLOW CREEK #2: 100% COMPLETE  
 ROAD TO WILLOW CREEK #2: 100% COMPLETE

		DAILY COST: \$520.00			CUM COST: \$6,240.00		
<b>BIT DATA:</b>	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

@	_____
@	_____
@	_____
@	_____

	#1	#2
PRESS	_____	_____
STROKES	_____	_____
LINERS	_____	_____

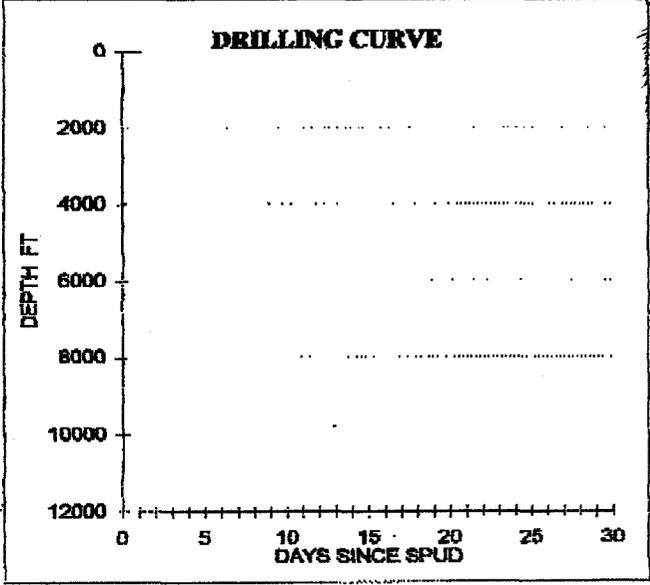
**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

_____	HRS
_____	
_____	
_____	
_____	
_____	
_____	



REPORTED BY: **PKT CLARK**

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS
<b>LEASE: WILLOW CREEK # 1 &amp; #2</b> <b>DATE: 6-Sep-97 DAYS SINCE SPUD:</b> <b>CONTRACTOR:</b>	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. FINISHED DRILLING PIT. DYNAMITED 122 HOLES IN RESERVE PIT, FLARE PIT, & CELLAR. CLEANED HALF OF RES. PIT W/ D-8 CAT

**EQUIPMENT USED:** AIR DRILL, D-8 CAT, MAINTAINER  
 ROAD TO WILLOW CREEK #2: 95% COMPLETE  
 WILLOW CREEK #2: 95% COMPLETE  
 WILLOW CREEK #2: 95% COMPLETE - BLASTED PIT, FLARE PIT, & CELLAR AREA.

<b>DAILY COST:</b> \$520.00		<b>CUM COST:</b> \$5,720.00					
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt \_\_\_\_\_

vis \_\_\_\_\_

filtrate \_\_\_\_\_

cake \_\_\_\_\_

ph \_\_\_\_\_

cl \_\_\_\_\_

% sol \_\_\_\_\_

pv \_\_\_\_\_

yp \_\_\_\_\_

mbt \_\_\_\_\_

Ca \_\_\_\_\_

**MUD COMMENTS:**

\_\_\_\_\_

**OPERATION HRS:** \_\_\_\_\_ **HRS**

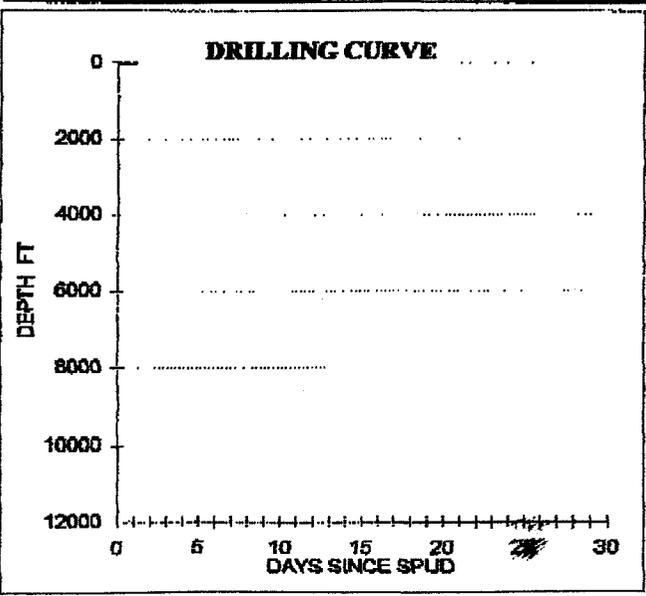
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0



**REPORTED BY:** PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b> <b>LEASE: WILLOW CREEK # 1 &amp; #2</b> <b>DATE: 5-Sep-97 DAYS SINCE SPUD:</b> <b>CONTRACTOR: 0 0</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS
	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. FINISH CUT AND ROUGH GRADE LOCATION. DRILLED PIT TO BLAST TOMORROW NOON.

**EQUIPMENT USED:** D-8 CAT. MAINTAINER AIR DRILL  
 WILLOW CREEK #2: 90% COMPLETE - PIT 20%  
 WILLOW CREEK #1: 95% COMPLETE  
 ROAD TO WILLOW CREEK #2: 95% COMPLETE

		DAILY COST:	\$520.00	CUM COST:	\$5,200.00		
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b>	_____	<b>RPM</b>	_____	<b>BHA</b>	_____		

**SURVEYS:**

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

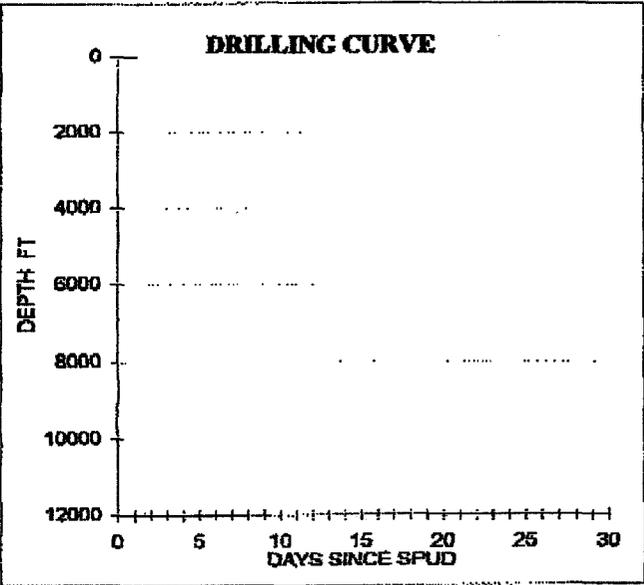
wt \_\_\_\_\_  
 vis \_\_\_\_\_  
 filtrate \_\_\_\_\_  
 cake \_\_\_\_\_  
 ph \_\_\_\_\_  
 cl \_\_\_\_\_  
 % sol \_\_\_\_\_  
 pv \_\_\_\_\_  
 yp \_\_\_\_\_  
 mbt \_\_\_\_\_  
 Ca \_\_\_\_\_

**MUD COMMENTS:**

\_\_\_\_\_

**OPERATION HRS:**

\_\_\_\_\_ HRS  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**REPORTED BY:** PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS _____ DEPTH: _____ FORMATION: _____ FOOTAGE LAST 24 HRS: _____
LEASE: <b>WILLOW CREEK # 1 &amp; #2</b> DATE: <b>4-Sep-97</b> DAYS SINCE SPUD: _____ CONTRACTOR: _____	

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. CONTINUE CUT ON WILLOW CREEK #2. EXTREMELY ROCKY AND SHALEY. D-8 CAT HAVING TO RIP LAYERS TWO AND THREE TIMES TO BLADE.

WILLOW CREEK #2: 85% COMPLETE - PIT 15% - PROBABLY HAVE TO DRILL AND DYNAMITE  
 WILLOW CREEK #1: 95% COMPLETE - PIT DONE  
 ROAD TO WILLOW CREEK #2: 90% COMPLETE

DAILY COST: \$520.00                      CUM COST: \$4,680.00

BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE

WOB \_\_\_\_\_                      RPM \_\_\_\_\_                      BHA \_\_\_\_\_

**SURVEYS:**

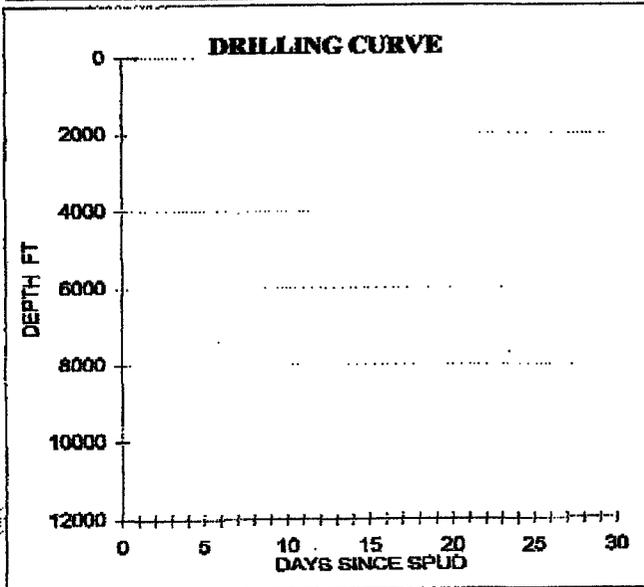

	#1	#2
PRESS		
STROKES		
LINERS		

<b>MUD:</b>	wt	_____
	vis	_____
	filtrate	_____
	cake	_____
	ph	_____
	cl	_____
	% sol	_____
	pv	_____
	yp	_____
	mbt	_____
	Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

HRS

REPORTED BY:                      PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS
<b>LEASE:</b> WILLOW CREEK # 1 & #2 <b>DATE:</b> 3-Sep-97 <b>DAYS SINCE SPUD:</b> _____ <b>CONTRACTOR:</b> _____	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. CUT AND FILL ON WILLOW CREEK #2 W/ D-8 CAT. HAD TO RIP MOST OF CUT TWICE BECAUSE OF THICK SHALE. PIT STARTED. 10% COMPLETE.

WILLOW CREEK #2: 75% COMPLETE

		<b>DAILY COST:</b> \$520.00			<b>CUM COST:</b> \$4,160.00		
<b>BIT DATA:</b>	<b>NO.</b>	<b>SIZE</b>	<b>TYPE</b>	<b>JETS</b>	<b>HRS</b>	<b>DEPTH IN</b>	<b>FOOTAGE</b>
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
<b>WOB</b> _____		<b>RPM</b> _____		<b>BHA</b> _____			

**SURVEYS:**

@ _____	
@ _____	
@ _____	
@ _____	

	<b>#1</b>	<b>#2</b>
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

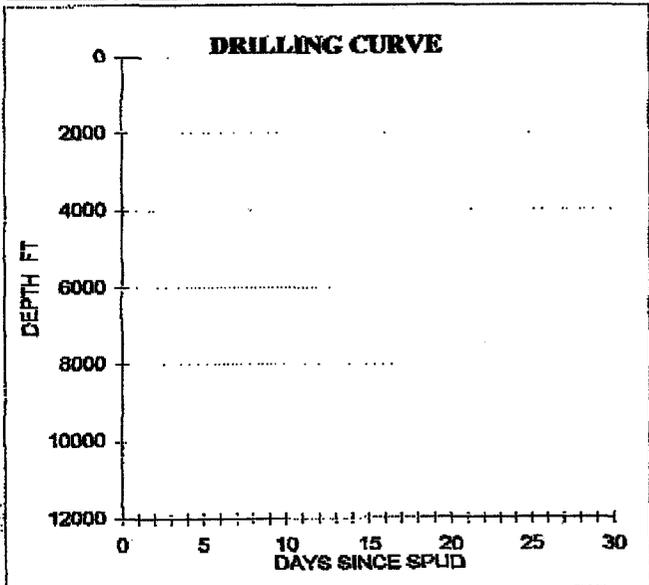
**OPERATION HRS:** \_\_\_\_\_ **HRS**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**REPORTED BY:** PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS
<b>LEASE:</b> WILLOW CREEK # 1 & #2 <b>DATE:</b> 2-Sep-97 <b>DAYS SINCE SPUD:</b> _____ <b>CONTRACTOR:</b> _____	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. CONTINUE CUT AND FILL ON WILLOW CREEK #2. LOCATION HAD TO BE RIPPED BEFORE IT COULD BE BLADED-EXTREMELY ROCKY.

EQUIPMENT USED: D-8 CAT AND MAINTAINER  
 WILLOW CREEK #1: 95% COMPLETE  
 WILLOW CREEK #2: 65% COMPLETE

		DAILY COST: \$520.00			CUM COST: \$3,640.00		
BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

_____	#
_____	#
_____	#
_____	#

	#1	#2
PRESS	_____	_____
STROKES	_____	_____
LINERS	_____	_____

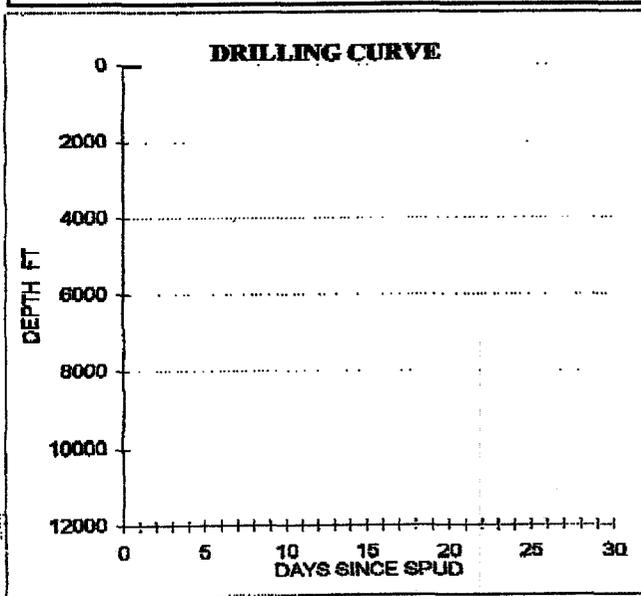
**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

_____	HRS
_____	
_____	
_____	
_____	
_____	



REPORTED BY: PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATIONS DEPTH: _____ FORMATION: _____ FOOTAGE LAST 24 HRS: _____
LEASE: <b>WILLOW CREEK # 1 &amp; #2</b> DATE: <b>1-Sep-97</b> DAYS SINCE SPUD: _____ CONTRACTOR: _____	

**REMARKS:** BUILD LOCATIONS W/ JACKSON CONSTRUCTION. CLEANED PIT ON WILLOW CREEK #2 AFTER DYNAMITING 86 HOLES. MAINTAINER DID NOT WORK UNTIL AFTERNOON DUE TO RAIN AND MUD.

WILLOW CREEK #1: 85% COMPLETE  
 WILLOW CREEK #2: 50% COMPLETE

		DAILY COST: \$520.00			CUM COST: \$3,120.00		
<b>BIT DATA:</b>	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

	#1	#2
PRESS	_____	_____
STROKES	_____	_____
LINERS	_____	_____

**MUD:**

wt \_\_\_\_\_

vis \_\_\_\_\_

filtrate \_\_\_\_\_

cake \_\_\_\_\_

ph \_\_\_\_\_

cl \_\_\_\_\_

% sol \_\_\_\_\_

pv \_\_\_\_\_

yp \_\_\_\_\_

mbt \_\_\_\_\_

Ca \_\_\_\_\_

**MUD COMMENTS:**

\_\_\_\_\_

**OPERATION HRS:**

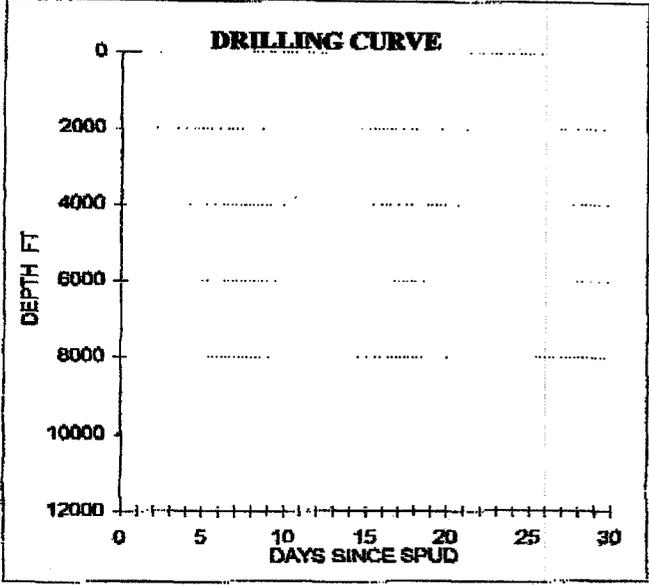
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REPORTED BY: **PAT CLARK**

<b>MCMURRY OIL COMPANY DAILY DRILLING REPORT</b>	PRESENT OPERATION: BUILD LOCATIONS
LEASE: WILLOW CREEK # 1 & #2	DEPTH: _____
DATE: 31-Aug-97 DAYS SINCE SPUD:	FORMATION: _____
CONTRACTOR: 0 0	FOOTAGE LAST 24 HRS: _____

**REMARKS:** BUILDING LOCATIONS W/ JACKSON CONSTRUCTION. BLASTED PIT ON WILLOW CREEK #1. WILL CLEAN PIT WHEN DOZER IS DONE ON #2.

WILLOW CREEK #1: 90% COMPLETE  
 WILLOW CREEK #2: 40% COMPLETE  
 ROAD TO WILLOW CREEK #2: 70% COMPLETE

		DAILY COST: \$520.00			CUM COST: \$2,600.00		
BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

_____	@
_____	@
_____	@
_____	@

	#1	#2
PRESS _____	_____	_____
STROKES _____	_____	_____
LINERS _____	_____	_____

**MUD:**

wt _____
vis _____
filtrate _____
cake _____
ph _____
cl _____
% sol _____
pv _____
yp _____
mbt _____
Ca _____

**MUD COMMENTS:**

\_\_\_\_\_

**OPERATION HRS:**

\_\_\_\_\_

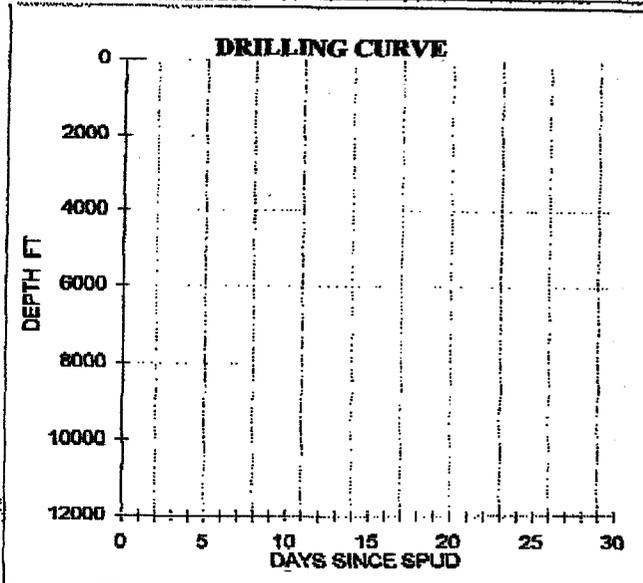
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

HRS



REPORTED BY: PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATION _____ DEPTH: _____ FORMATION: _____ FOOTAGE LAST 24 HRS: _____
LEASE: <b>WILLOW CREEK # 1 &amp; #2</b> DATE: <b>30-Aug-97</b> DAYS SINCE SPUD: _____ CONTRACTOR: _____	

**REMARKS:** BUILDING LOCATIONS W/ JACKSON CONSTRUCTION. DRILLED PIT ON WILLOW CREEK # 1 W/ AIR DRILL TO BLAST. WILL SHOOT SUNDAY MORNING. CONTINUE TO BUILD WILLOW CREEK #2. CLEARED TOPSOIL & BEGAN CUT AND FILL ON LOCATION GRADE.

ROAD TO WILLOW CREEK #2: 70% COMPLETE  
 WILLOW CREEK #2: 40% COMPLETE  
 WILLOW CREEK #1: 85% COMPLETE  
 EQUIPMENT USED: MAINTAINER, D8 CAT, AIR DRILL

DAILY COST: \$0.00		CUM COST: ERROR IN CUM					
BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

@	_____
@	_____
@	_____
@	_____

	#1	#2
PRESS	_____	_____
STROKES	_____	_____
LINERS	_____	_____

**MUD:**

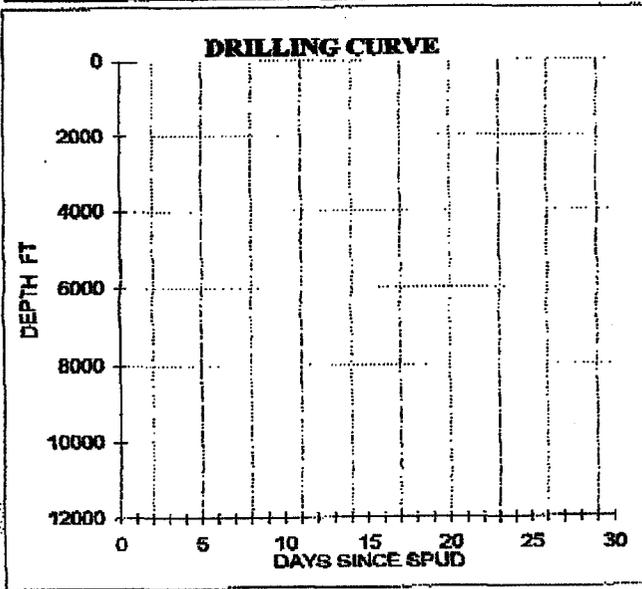
wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

\_\_\_\_\_

**OPERATION HRS:**

_____	HRS
_____	
_____	
_____	
_____	



REPORTED BY: **PAT CLARK**



<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATION _____
<b>LEASE: WILLOW CREEK # 1</b> <b>DATE: 28-Aug-97 DAYS SINCE SPUD:</b> <b>CONTRACTOR: 0 0</b>	<b>DEPTH: _____</b> <b>FORMATION: _____</b> <b>FOOTAGE LAST 24 HRS: _____</b>

**REMARKS:** BUILDING LOCATION W/ JACKSON CONSTRUCTION.

BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____

**WOB** \_\_\_\_\_ **RPM** \_\_\_\_\_ **BHA** \_\_\_\_\_

**SURVEYS:**

_____	@
_____	@
_____	@
_____	@

	#1	#2
<b>PRESS</b>	_____	_____
<b>STROKES</b>	_____	_____
<b>LINERS</b>	_____	_____

**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

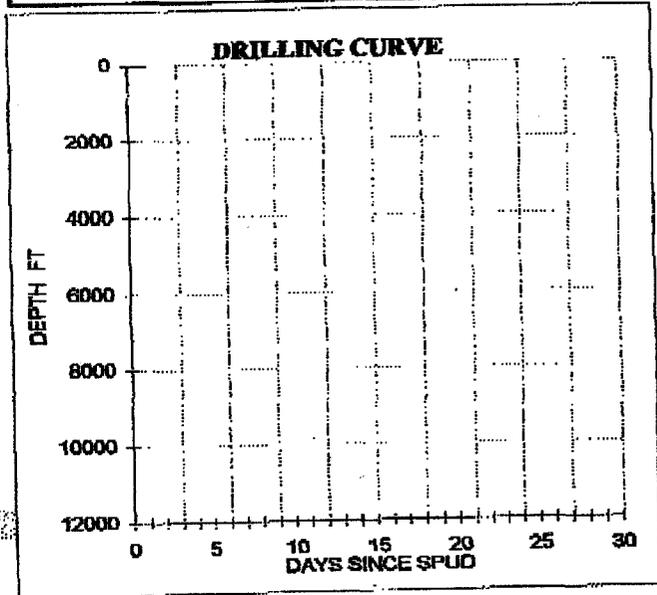
**OPERATION HRS:** \_\_\_\_\_ **HRS**

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\_\_\_\_\_



**REPORTED BY:** PAT CLARK

<b>MCMURRY OIL COMPANY</b> <b>DAILY DRILLING REPORT</b>	<b>PRESENT OPERATION:</b> BUILD LOCATION _____
<b>LEASE: WILLOW CREEK # 1</b> <b>DATE: 27-Aug-97</b> <b>DAYS SINCE SPUD:</b> _____ <b>CONTRACTOR:</b> 0                      0	<b>DEPTH:</b> _____ <b>FORMATION:</b> _____ <b>FOOTAGE LAST 24 HRS:</b> _____

**REMARKS:** BUILDING LOCATION W/ JACKSON CONSTRUCTION.

		DAILY COST: \$0.00	CUM COST: ERROR IN CUM				
BIT DATA:	NO.	SIZE	TYPE	JETS	HRS	DEPTH IN	FOOTAGE
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
	_____	_____	_____	_____	_____	_____	_____
WOB _____		RPM _____		BHA _____			

**SURVEYS:**

_____	@
_____	@
_____	@
_____	@

	#1	#2
PRESS	_____	_____
STROKES	_____	_____
LINERS	_____	_____

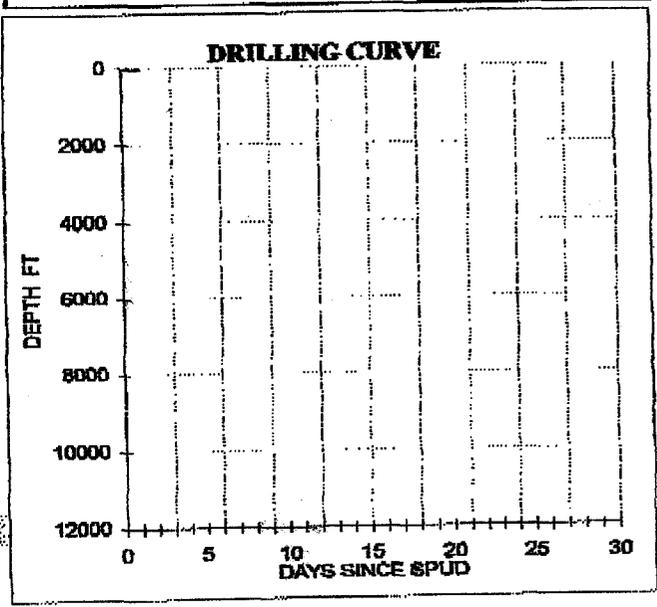
**MUD:**

wt	_____
vis	_____
filtrate	_____
cake	_____
ph	_____
cl	_____
% sol	_____
pv	_____
yp	_____
mbt	_____
Ca	_____

**MUD COMMENTS:**

**OPERATION HRS:**

_____	HRS
_____	
_____	
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_____	
_____	



**REPORTED BY: PAT CLARK**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		3. Lease Designation and Serial Number: Fee
2. Name of Operator: McMurry Oil Company Attn: Mike Fosdick		4. If Indian, Alaska, or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 220 Casper, WY 82602 (307) 473-2033		7. Unit Agreement Name: N/A
4. Location of Well Footage: 1000' FNL, 1000' FEL Co, Sec., T., R., M.: NE/4 NE/4, Section 11, T13S-R20E, S.L.B.&M.		6. Well Name and Number: West Willow Creek Ranch #1
		9. API Well Number: 43-04732947
		10. Field and Pool, or Wellset: West Willow Creek Ranch
		County: Uintah State: Utah

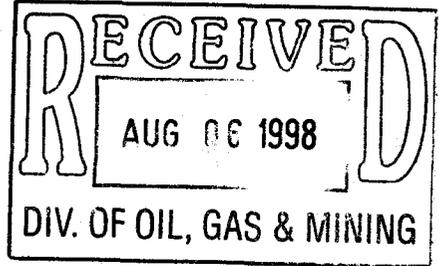
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input checked="" type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Completion <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start: August 6, 1998	Date of work completion: _____ Report results of Multiple Completions and Re-completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PROCEDURE TO P&A WEST WILLOW CREEK RANCH #1

See attached page.



COPY SENT TO OPERATOR  
Date: 8.25.98  
Initials: KBR

13. Name & Signature: Michael R. Fosdick Title: VP Operations & Engineering Date: 8/5/98

(This space for State Use only)

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 8-12-98  
By: D. Jani

(See instructions on Reverse Side)

**MCMURRY OIL COMPANY**  
**West Willow Creek Ranch #1**  
**Section 11, T13S-R20E**  
**August 5, 1998**

**PROCEDURE TO P&A WEST WILLOW CREEK RANCH #1**

1. Set casing iron bridge plug above perms. Plug is set at 4840' KB. Plug will be pressure tested to 4000 PSIG for 15 minutes. Five (5) sacks of Class G cement will be dump bailed on top of plug. The fluid in the casing above the CIBP's will be 3% KCL fresh water.
2. Using HOWCO and tubing, a cement plug will be set 50' below the surface casing shoe to 50' above the surface casing shoe. Surface casing is set at 444.7' KB. Top of cement for production string is 334'.
3. The well head will be cut off. No production casing will be removed from wells. Cement Will be pumped down 1" tubing and the annulus between the surface casing and the production casing will be filled with Class G cement. 1" pipe will be run as far as possible into the annulus. If we can't get 1" pipe in the annulus, we will dump as much cement down the annulus as we can.
4. A dry hole marker will be installed, per Utah requirements. The tail of the marker will be set in 10 sacks of cement that will be placed inside the casing at the surface.

**State of Utah**  
**Department of Natural Resources**  
**Division of Oil, Gas and Mining**

Conditional Approval of Notice of Intent to Abandonment Well

API Well Number: 43-047-32947  
Well Name and Number: Weast Willow Creek Ranch # 1  
Name of Operator: McMurry Oil Company  
Date/Initials: 8/17/98/DJJ

The Division based on the following general and specific conditions approves the submitted Sundry Notice for Well Abandonment:

**GENERAL CONDITIONS**

- A. Operator shall conduct all plugging and abandonment work in accordance with Utah Administrative Code R649-3-24.
- B. Operator shall notify the Division at least 24 hours prior to initiating field activities.
- C. Within 30 days following completion of the abandonment, Operator shall submit a subsequent report to the Division detailing the following:

An account of plugging and casing removal procedures, specifications and quantities of all materials and equipment used, and the depths of all plugs installed;  
Records of any tests conducted or measurements collected; and,  
Amounts, type, and condition of casing removed and location and type of casing left in the well.

**SPECIFIC CONDITIONS**

- 1. A 100 foot balanced plug shall be set at 2000 feet..
- 2. A 50 foot cement plug shall be placed at the base of the surface casing. 25 feet of the plug will be below the shoe of the casing and 25 feet shall be above the shoe inside the casing.
- 3. A non corrosive fluid shall be placed between all cement plugs within the wellbore.

**McMURRY OIL COMPANY**  
**COMPLETION & WORKOVER**  
**DAILY REPORT**

LEASE: **WILLOW CREEK 1**DATE: **8/15/98**CONTRACTOR: **na**

KB: 13.50

PBSD: 7223.42

GROUND LEVEL: 5919 3/5

LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E

DRILLING COST: \$532,000.00

NEW 2-3/8

L-80 4.7# TBG.

EUE 8RD.

## CASING DETAIL:

SURFACE: 8 5/8 24# J-55 444'

PRODUCTION: 5 1/2 17# N-80 7264' KB

FLOAT @ 7223.42' KB

lock pins out 2 1/4", in 1 1/4"

PBSD; CTBP @ 4,840' KB

DAILY COST: \$3,250.00

CUM COST OF COMPLETION: \$449,394.00

AFE CUM COST: \$981,394.00

## DAILY LOG:

Clean up location &amp; move equipment out. Location is ready to be reclaimed when the pit is dry.

Moved out generator and Corab unit.

## DAILY COST:

	DAILY COSTS	CUM COSTS
SERVICE RIG		\$59,354.00
BOP		\$10,815.00
SERVICE TOOLS		\$2,000.00
DOWNHOLE TOOLS		\$8,122.00
TUBULARS		\$30,057.00
STIMULATION/PUMPING SERVICE		\$141,864.00
SNUBBING SERVICE		
N2 SERVICE		\$5,563.00
SLICK LINE		\$2,415.00
ELECTRIC LINE		\$14,154.00
PERFORATING		\$28,017.00
FLUIDS		\$23,775.00
SUPERVISION	\$250.00	\$24,975.00
FLOW TEST		\$20,325.00
RENTAL EQUIPMENT (SURFACE)		\$14,850.00
WELLHEAD		\$6,140.00
TANKS		\$10,800.00
TRUCKING	\$3,000.00	\$19,612.00
OTHER		\$10,533.00
HEAT FLUID		\$4,320.00
DIRT WORK		\$4,806.00
PURCHASE KCL		\$6,897.00
<b>DAILY TOTAL</b>	<b>\$3,250.00</b>	
<b>PREVIOUS TOTAL</b>	<b>\$446,144.00</b>	
<b>CUMULATIVE TOTAL</b>		<b>\$449,394.00</b>

PREPARED BY: Doug Flack

**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1  
DATE: 8/14/98  
CONTRACTOR: na**

**KB: 13.50  
PBD: 7223.42  
GROUND LEVEL: 5919 3/5  
LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E**

**NEW 2-3/8  
L-80 4.7# TBG.  
EUE 8RD.**

**CASING DETAIL:  
SURFACE: 8 5/8 24# J-55 444'  
PRODUCTION: 5 1/2 17# N-80 7264' KB  
FLOAT @ 7223.42' KB  
lock pins out 2 1/4", in 1 1/4"  
PBD; CIBP @ 4,840' KB**

**DRILLING COST: \$532,000.00**

**DAILY COST: \$2,950.00**

**CUM COST OF COMPLETION: \$446,144.00**

**AFE CUM COST: \$978,144.00**

**DAILY LOG:**

Dig out dead men, bury cellar, clean up location & move equipment out.

**DAILY COST:**

	DAILY COSTS	CUM COSTS
SERVICE RIG		\$59,354.00
BOP		\$10,815.00
SERVICE TOOLS		\$2,000.00
DOWNHOLE TOOLS		\$8,122.00
TUBULARS		\$30,057.00
STIMULATION/PUMPING SERVICE		\$141,864.00
SNUBBING SERVICE		
N2 SERVICE		\$5,563.00
SLICK LINE		\$2,415.00
ELECTRIC LINE		\$14,154.00
PERFORATING		\$28,017.00
FLUIDS		\$23,775.00
SUPERVISION	\$250.00	\$24,725.00
FLOW TEST		\$20,325.00
RENTAL EQUIPMENT (SURFACE)		\$14,850.00
WELLHEAD		\$6,140.00
TANKS		\$10,800.00
TRUCKING	\$2,000.00	\$16,612.00
OTHER	\$700.00	\$10,533.00
HEAT FLUID		\$4,320.00
DIRT WORK		\$4,806.00
PURCHASE KCL		\$6,897.00
<b>DAILY TOTAL</b>	<b>\$2,950.00</b>	
<b>PREVIOUS TOTAL</b>	<b>\$443,194.00</b>	
<b>CUMULATIVE TOTAL</b>		<b>\$446,144.00</b>

PREPARED BY: Doug Flack

**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1**  
**DATE: 8/13/98**  
**CONTRACTOR: na**

**CASING DETAIL:**

**SURFACE: 8 5/8 24# J-55 444'**  
**PRODUCTION: 5 1/2 17# N-80 7264' KB**  
**FLOAT @ 7223.42' KB**  
**lock pins out 2 1/4", in 1 1/4"**  
**PBTD; CIBP @ 4,840' KB**

**KB: 13.50**  
**PBTD: 7223.42**  
**GROUND LEVEL: 5919 3/5**  
**LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E**

**NEW 2-3/8**  
**L-80 4.7# TBG.**  
**EUE 8RD.**

**DRILLING COST: \$532,000.00**

**DAILY COST: \$7,350.00**

**CUM COST OF COMPLETION: \$443,194.00**

**AFE CUM COST: \$975,194.00**

**DAILY LOG:**

Cut off well head and 5 1/2" casing, place 10 sack G cement (15.8 ppg 1.15 cfps) inside 5 1/2" casing from surface to approximately 30'+, install dry hole marker. RU Howco and pump 58 sacks G (15.8 ppg 1.15 cfps) between 8 5/8" csg and 5 1/2" casing. Prior to pumping cement down annulus, checked annulus and found that there was no fluid in annulus on top of the cement which was at approximately 330'. Annulus standing full after filling with cement. Loaded out tubing, wellhead, tree and flow manifold. SDFN.

**DAILY COST:**

	DAILY COSTS	CUM COSTS
SERVICE RIG		\$59,354.00
BOP		\$10,815.00
SERVICE TOOLS		\$2,000.00
DOWNHOLE TOOLS		\$8,122.00
TUBULARS		\$30,057.00
STIMULATION/PUMPING SERVICE		\$141,864.00
SNUBBING SERVICE	Howco for P&A	\$1,600.00
N2 SERVICE		\$5,563.00
SLICK LINE		\$2,415.00
ELECTRIC LINE		\$14,154.00
PERFORATING		\$28,017.00
FLUIDS		\$23,775.00
SUPERVISION	water for P&A	\$300.00
FLOW TEST		\$24,475.00
RENTAL EQUIPMENT (SURFACE)		\$20,325.00
WELLHEAD		\$14,850.00
TANKS		\$6,140.00
TRUCKING		\$10,800.00
OTHER	load & haul off tbg, well head, est.	\$4,000.00
	roustabouts with backhoe & welder, est.	\$1,200.00
HEAT FLUID		\$9,833.00
DIRT WORK		\$4,320.00
PURCHASE KCL		\$4,806.00
		\$6,897.00
<b>DAILY TOTAL</b>	<b>\$7,350.00</b>	
<b>PREVIOUS TOTAL</b>	<b>\$435,844.00</b>	
<b>CUMULATIVE TOTAL</b>		<b>\$443,194.00</b>

PREPARED BY: Doug Flack

**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1  
DATE: 8/12/98  
CONTRACTOR: Colorado Well Service Rig 20**

**CASING DETAIL:**

SURFACE: 8 5/8 24# J-55 444'  
PRODUCTION: 5 1/2 17# N-80 7264' KB  
FLOAT @ 7223.42' KB  
lock pins out 2 1/4", in 1 1/4"  
PBD; CIBP @ 4,840' KB

KB: 13.50  
PBD: 7223.42  
GROUND LEVEL: 5919 3/5  
LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E

NEW 2-3/8  
L-80 4.7# TBG.  
EUE 8RD.

DRILLING COST: \$532,000.00

DAILY COST: \$4,100.00

CUM COST OF COMPLETION: \$435,844.00

AFE CUM COST: \$967,844.00

**DAILY LOG:** Rigged down flowback equipment, flowback tank. Put lines and fittings in flow back tank. Removed tree and dug out around well head. SDFN.

**DAILY COST:**

	DAILY COSTS	CUM COSTS
SERVICE RIG		\$59,354.00
BOP		\$10,815.00
SERVICE TOOLS		\$2,000.00
DOWNHOLE TOOLS		\$8,122.00
TUBULARS		\$30,057.00
STIMULATION/PUMPING SERVICE		\$140,264.00
SNUBBING SERVICE		
N2 SERVICE		\$5,563.00
SLICK LINE		\$2,415.00
ELECTRIC LINE		\$14,154.00
PERFORATING		\$28,017.00
FLUIDS		\$23,475.00
SUPERVISION		\$24,225.00
FLOW TEST	2 day	\$20,325.00
RENTAL EQUIPMENT (SURFACE)		\$14,850.00
WELLHEAD		\$6,140.00
TANKS	haul out frac tanks, clean them, haul fluid to disposal	\$10,800.00
TRUCKING		\$10,612.00
OTHER	roustabouts with backhoe, estimate	\$8,633.00
HEAT FLUID		\$4,320.00
DIRT WORK		\$4,806.00
PURCHASE KCL		\$6,897.00
<b>DAILY TOTAL</b>	<b>\$4,100.00</b>	
<b>PREVIOUS TOTAL</b>	<b>\$431,744.00</b>	
<b>CUMULATIVE TOTAL</b>		<b>\$435,844.00</b>

PREPARED BY: Doug Flack

**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1**  
**DATE: 8/6/98**  
**CONTRACTOR: Colorado Well Service Rig 20**

**KB: 13.50**  
**PBTD: 7223.42**  
**GROUND LEVEL: 5919 3/5**  
**LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E**  
**DRILLING COST: \$532,000.00**

**CASING DETAIL:**  
SURFACE: 8 5/8 24# J-55 444'  
PRODUCTION: 5 1/2 17# N-80 7264' KB  
FLOAT @ 7223.42' KB  
lock pins out 2 1/4", in 1 1/4"  
PBTD; CIBP @ 4,840' KB

NEW 2-3/8  
L-80 4.7# TBG.  
EUE 8RD.

DAILY COST: \$12,734.00

CUM COST OF COMPLETION: \$431,744.00

AFE CUM COST: \$963,744.00

**DAILY LOG:**

MIRU service rig, RU OWP and dump bail 5 sacks of cement on top of CIBP at 4840', RD OWP. PU and run 2100' of tubing and RU Howco. Placed a 12 sack 108' cement plug of class G from 2000' to 1892'. Pulled tubing to base of surface casing shoe and placed a 6 sack 50' long class G cement plug from 420' to 470' KB. Layed down all tubing, installed tree, RD rig and move to #2 well.

note; howco cement mixed at 15.8 ppg, 1.15 cfps, class G.

**DAILY COST:**

SERVICE RIG	
BOP	
SERVICE TOOLS	
DOWNHOLE TOOLS	
TUBULARS	
STIMULATION/PUMPING SERVICE	Howco-cmt plugs to P&A
SNUBBING SERVICE	
N2 SERVICE	
SLICK LINE	
ELECTRIC LINE	OWP to set dump cement on CIBP
PERFORATING	
FLUIDS	haul off fluids
SUPERVISION	
FLOW TEST	flow back manifold
RENTAL EQUIPMENT (SURFACE)	light tower, pp, FB tank
WELLHEAD	
TANKS	
TRUCKING	
OTHER	
HEAT FLUID	
DIRT WORK	
PURCHASE KCL	

DAILY COSTS	CUM COSTS
\$1,194.00	\$59,354.00
	\$10,815.00
	\$2,000.00
	\$8,122.00
	\$30,057.00
\$1,600.00	\$140,264.00
	\$5,563.00
	\$2,415.00
\$1,650.00	\$14,154.00
	\$28,017.00
\$1,200.00	\$23,475.00
\$250.00	\$23,725.00
\$1,800.00	\$20,325.00
\$3,360.00	\$14,850.00
	\$6,140.00
\$1,680.00	\$7,800.00
	\$10,612.00
	\$8,033.00
	\$4,320.00
	\$4,806.00
	\$6,897.00
<b>\$12,734.00</b>	
<b>\$419,010.00</b>	
	<b>\$431,744.00</b>

**DAILY TOTAL**  
**PREVIOUS TOTAL**  
**CUMULATIVE TOTAL**

PREPARED BY: Doug Flack

(this fax has also been sent to Mike Fosdick - McMurry Oil, Casper WY.)

8/10/98 9:57:42 AM

**FAX TO: DAN JARVIS**

**COMPANY: UTAH OIL & GAS COMMISSION**

**FAX NUMBER: 1-801-359-3940**

**TELEPHONE DIRECT: 801-538-5338**

**LOCATION: SALT LAKE CITY, UTAH**

**FAX FROM: FLACK PETROLEUM CONSULTANTS, INC.**

**FAX NUMBER: 1-307-265-3231**

**TELE. NO. 1-307-265-8197**

**TOTAL NUMBER OF PAGES INCLUDING THE COVER PAGE: 6**

Attached in Howco's cement ticket for P&A on the #1 and #2 Willow Creek-as per our conversation on 8/5/98. Also I have included the reports sent to McMurry Oil for 8/6/98, the reports list where each plug is set. All of these reports are to be held confidential by you unless released by McMurry Oil Company, please contact Mike Fosdick for permission to release any of this data 1-307-473-2033. Tickets from Colorado Well Service will be sent as soon as I get back to our Utah office-Tuesday 8/11 at the latest. We will begin preparing and setting the P&A-markers on Wednesday 8/12/98, if you would like to have your field inspector present.

Thanks, Doug Flack  
Consulting Engineer, McMurry Oil Co.

**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1**  
**DATE: 8/6/98**  
**CONTRACTOR: Colorado Well Service Rig 20**

**KB: 13.50**  
**PBTD: 7223.42**  
**GROUND LEVEL: 5919 3/5**  
**LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E**

**NEW 2-3/8**  
**L-80 4.7# TBG.**  
**EUE 8RD.**

**CASING DETAIL:**

**SURFACE: 8 5/8 24# J-55 444'**  
**PRODUCTION: 5 1/2 17# N-80 7264' KB**  
**FLOAT @ 7223.42' KB**  
**lock pins out 2 1/4", in 1 1/4"**  
**PBTD: CIBP @ 4,840' KB**

**DRILLING COST: \$532,000.00****DAILY COST: \$12,734.00****CUM COST OF COMPLETION: \$431,744.00****AFE CUM COST: \$963,744.00****DAILY LOG:**

MIRU service rig, RU OWP and dump bail 5 sacks of cement on top of CIBP at 4840', RD OWP. PU and run 2100' of tubing and RU Howco. Placed a 12 sack 108' cement plug of class G from 2000' to 1892'. Pulled tubing to base of surface casing shoe and placed a 6 sack 50' long class G cement plug from 420' to 470' KB. Layed down all tubing, installed tree, RD rig and move to #2 well.

note; howco cement mixed at 15.8 ppg, 1.15 cps, class G.

**DAILY COST:**

	<b>DAILY COSTS</b>	<b>CUM COSTS</b>
SERVICE RIG	<u>\$1,194.00</u>	<u>\$59,354.00</u>
BOP		<u>\$10,815.00</u>
SERVICE TOOLS		<u>\$2,000.00</u>
DOWNHOLE TOOLS		<u>\$8,122.00</u>
TUBULARS		<u>\$30,057.00</u>
STIMULATION/PUMPING SERVICE	Howco-cmt plugs to P&A <u>\$1,600.00</u>	<u>\$140,264.00</u>
SNUBBING SERVICE		
N2 SERVICE		<u>\$5,563.00</u>
SLICK LINE		<u>\$2,415.00</u>
ELECTRIC LINE	OWP to set dump cement on CIBP <u>\$1,650.00</u>	<u>\$14,154.00</u>
PERFORATING		<u>\$28,017.00</u>
FLUIDS	haul off fluids <u>\$1,200.00</u>	<u>\$23,475.00</u>
SUPERVISION	<u>\$250.00</u>	<u>\$23,725.00</u>
FLOW TEST	flow back manifold <u>\$1,800.00</u>	<u>\$20,325.00</u>
RENTAL EQUIPMENT (SURFACE)	light tower, pp, FB tank <u>\$3,360.00</u>	<u>\$14,850.00</u>
WELLHEAD		<u>\$6,140.00</u>
TANKS	<u>\$1,680.00</u>	<u>\$7,800.00</u>
TRUCKING		<u>\$10,612.00</u>
OTHER		<u>\$8,033.00</u>
HEAT FLUID		<u>\$4,320.00</u>
DIRT WORK		<u>\$4,806.00</u>
PURCHASE KCL		<u>\$6,897.00</u>
<b>DAILY TOTAL</b>	<u><b>\$12,734.00</b></u>	
<b>PREVIOUS TOTAL</b>	<u><b>\$419,010.00</b></u>	
<b>CUMULATIVE TOTAL</b>		<u><b>\$431,744.00</b></u>

PREPARED BY: Doug Flack

**McMURRY OIL COMPANY**  
**COMPLETION & WORKOVER**  
**DAILY REPORT**

LEASE: **WILLOW CREEK 2**DATE: **8/6/1998**CONTRACTOR: **Colorado Well Service**

KB: 13.50

PBTD: 170' KB

GROUND LEVEL: 5767

LEGAL DESCRIPTION: SE/SW/4 SEC 35 T 12S R 20E

DRILLING COST: \$532,097.00

NEW 2-3/8

L-80 4.7# TBG.

EUE 8RD.

## CASING DETAIL:

SURFACE 8 5/8 24# J-55 443'

PRODUCTION: 5 1/2 17# N-80 7466' FLOAT  
AT 7422 FT.

LOCK PINS OUT 3-1/4", IN 2 1/2"

PBTD, CIBP @ 2310' KB

DAILY COST: \$8,944.00

CUM COST OF COMPLETION: \$630,959.00

AFE CUM COST: \$1,163,056.00

## DAILY LOG:

RU OWP, set CIBP at 2310' KB, filled csg with 3% KCL and pressure tested plug to 4000 psig for 15 minutes, held OK, released pressure, dump bailed 5 sacks cement on top of bridge plug.

Ran tubing and set a 50' cement plug (using class G cement and Howco) across the setting depth (443' KB) of the surface casing. Bottom of cement plug is 467' KB and top of cement plug is 417' KB, used 6 sacks of class G cement.

laid down tubing, removed BOP, set tree back on until we cut the well head off. SDFN.

Released separator and trucked to Vernal, released all frac tanks and began trucking to Vernal.

## DAILY COST:

	DAILY COSTS	CUM COSTS
SERVICE RIG	<u>\$1,000.00</u>	<u>\$89,779.00</u>
BOP	<u>\$250.00</u>	<u>\$13,409.00</u>
SERVICE TOOLS		<u>\$1,090.00</u>
DOWNHOLE TOOLS, BP PURCHASE	CIBP <u>\$750.00</u>	<u>\$9,305.00</u>
TUBULARS		<u>\$29,922.00</u>
STIMULATION/PUMPING SERVICE	Howco-cmi plugs to P&A <u>\$1,600.00</u>	<u>\$184,951.00</u>
SNUBBING SERVICE		
N2 SERVICE		<u>\$5,575.00</u>
ELECTRIC LINE, BOND LOG, SET BP	set CIBP, dump cmi <u>\$2,190.00</u>	<u>\$29,388.00</u>
RENT, FLOWBACK & TEST EQUIPMENT		<u>\$5,150.00</u>
PERFORATING		<u>\$32,721.00</u>
FLUIDS	haul off pit fluids, septic <u>\$1,579.00</u>	<u>\$23,644.00</u>
SUPERVISION	<u>\$250.00</u>	<u>\$40,575.00</u>
FLOW TEST		<u>\$24,161.00</u>
RENTAL EQUIPMENT (SURFACE)	sep. pp. trash, fb tank <u>\$120.00</u>	<u>\$19,430.00</u>
WELLHEAD		<u>\$9,328.00</u>
TANKS	<u>\$150.00</u>	<u>\$22,710.00</u>
TRUCKING	haul off tanks and BOP <u>\$835.00</u>	<u>\$20,546.00</u>
OTHER	Corab-water-sanitation-generator <u>\$220.00</u>	<u>\$37,210.00</u>
HEAT FLUID		<u>\$5,881.00</u>
PURCHASE KCL		<u>\$16,816.00</u>
DIRT WORK/GRADING		<u>\$9,368.00</u>
<b>DAILY TOTAL</b>	<b><u>\$8,944.00</u></b>	
<b>PREVIOUS TOTAL</b>	<b><u>\$622,015.00</u></b>	
<b>CUMULATIVE TOTAL</b>		<b><u>\$630,959.00</u></b>

PREPARED BY: DOUG FLACK

HALLIBURTON

JOB LOG

378917

8-6-98

REGION North America	STATE/COUNTRY Rocky Mtn	WELL NO. UTAH	WELL NAME UTAH
WELL ID / EMP # K0109 H0103	EMPLOYEE NAME Lex Cook	PSL DEPARTMENT 5001	COUNTY CANTON
LOCATION 055685	COMPANY McMurry Oil	COORDINATOR NAME Doug Flack	
COST AMOUNT 3025.86	WELL TYPE 01	APPROVALS	
WELL LOCATION Willow Creek	DEPARTMENT 5001	JOB PURPOSE CODE NIS PTA	
CASE / WELL # Willow Creek #1 + #2	SEC / TRP / RING U / 135 / 20E		

EMP NAME	EMP ID	EXPOSURE HOURS	HRS	EMP NAME	EMP ID	EXPOSURE HOURS	HRS	EMP NAME	EMP ID	EXPOSURE HOURS	HRS
Lex Cook	H0103	7		Tim Slaughter	H5168	7					

START NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PRESSURE (PSI)		JOB DESCRIPTION / REMARKS
				T	C	
	0700					Called out
	0800					Hard Safety meeting
	0815					Review work
	1100					one location
						Safety meeting, pick up job procedures.
						2 1/2 TBG @ 200' inside 5 1/2 17" CSG.
1	1348	2.4	10		200	Pump Fresh H <sub>2</sub> O well circulating
	1356	2.8	0		250	start cut 625' @ 15.8° 1.15 F/1k 5 gal/1sk
	1358		2.7			end cut
	1358	2.9	0		110	start dip w/ H <sub>2</sub> O
	1400	0	7.3		0	end dip
						Plug balanced 108' Plug
						foot to 470'
2	1429	2.2	5		40	Pump Fresh H <sub>2</sub> O well circulating
	1435	2.6	0		90	Start cut 625' @ 15.8° 1.15 F/1k 5 gal/1sk
	1436		1.2			end cut
	1436	2.6	0		30	start dip
	1437		1.5			end dip
						plug balanced 50' Plug
						Disrupt
						* move to Willow Creek #2 location *
						Plug H <sub>2</sub> O 468' in 5 1/2 17" CSG.
						Net 50' balanced plug.
	1649	2.5	2		100	Pump Fresh H <sub>2</sub> O well circulating
	1654	2.8	0		85	Start cut 625' @ 15.8° 1.15 F/1k 5 gal/1sk
	1655		1.2			end cut
	1655	2.7	0		50	start dip
	1656		1.5			end dip
						plug balanced
						point
						end job

Shanks  
Halliburton

005



CHARGE TO: **McMurry Oil Co.**  
 ADDRESS: **PO Box 1579**  
 CITY, STATE, ZIP CODE: **Frederick MD 20741**

ORIGINAL - DUNLAN COPY

TICKET **VKN**  
No. **378967-6**

PAGE **1** OF **1**

HALLIBURTON ENERGY SERVICES

1984-Q

SERVICE LOCATION 1. <b>OSS665-Vernal</b>	WELL/PROJECT NO. <b>#1-2</b>	LEASE <b>Willow Creek</b>	COUNTY/PARISH <b>Windel</b>	STATE <b>MT</b>	CITY/OFFSHORE LOCATION <b>Willow Creek</b>	DATE <b>9-6-98</b>	OWNER <b>Same</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <b>Colo. Well</b>	RI# NAME# <b>20</b>	SHIPPED VIA <b>C.T.</b>	DELIVERED TO <b>Location</b>	ORDER NO.
3.	WELL TYPE <b>01</b>	WELL CATEGORY <b>02</b>	JOB PURPOSE <b>115 PTA</b>	WELL PERMIT NO.	WELL LOCATION <b>Sec 11 T13S R20E</b>		
4. REFERRAL LOCATION	ADVISE INSTRUCTIONS <b>Set CMT plugs to abandon wells as instructed</b>						

LINE NO.	PRICE REFERENCE	SECONDARY PART NUMBER	DESCRIPTION	QTY.	UNIT	DEPTH / DIM.	UNIT PRICE	AMOUNT
	000-117		42 MILEAGE PCM 78322	1	UNT	140 mi	3'65	511'60
	000-119		Mileage Pick-up 93177	1	UNT	140 mi	2'15	301'00
	009-019		CMT THROUGH TB6	1	UNT	2000 FT	4'41	2454'10
	009-027		Additional Hours	3	hr		433'00	1299'00
	000-150		Environmental Surcharge	1	Job		55'00	55'00
	000-151		IPR Safety Insp. Surcharge	1	Job		33'00	33'00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

X **[Signature]**  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 A.M.  P.M.

TYPE LOCK \_\_\_\_\_ SUB SURFACE SAFETY VALVE WAS  
 PULLED & RETURN  PULLED  RUN  
 BEAN SIZE \_\_\_\_\_ TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_  
 DEPTH \_\_\_\_\_ TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_  
 SPACERS \_\_\_\_\_ TREE CONNECTION \_\_\_\_\_ TYPE VALVE \_\_\_\_\_

PAGE TOTAL	<b>46530</b>
FROM CONTINUATION PAGE(S)	<b>564 0</b>
<b>5217 0</b>	
<b>-42 0</b>	
SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE	<b>3025 0</b>

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) \_\_\_\_\_ CUSTOMER OR CUSTOMER'S AGENT SIGNATURE: **[Signature]** HALLIBURTON OPERATOR/ENGINEER: **[Signature]** H0102 HALLIBURTON APPROVAL: **[Signature]**

FLACK PETROLEUM

08/10/98 MON 09:58 FAX 3072653231

PLG 10 '98 09:45 FR HALLIBURTON VERNAL 801 789 2892 TO 13073653231

P.02



HALLIBURTON

JOB LOG

378917

8-6-98

REGION North America	EMPLOYEE NAME Lex Cook	DEPT/STATE UTAH	COUNTY KANE
WELL ID / EMP # K0109 H0103	EMPLOYEE NAME Lex Cook	PSL DEPARTMENT 500/	
LOCATION 055685	COMPANY McMurry Oil	CONCRETE REST/PHONE LONG FLACK	
NET AMOUNT 3025.86	WELL TYPE 01	DEPT/UNIT #	
WELL LOCATION Willow Creek	DEPARTMENT 500/	JOB PURPOSE CODE 115 PTA	
CASE / WELL # Willow Creek #1 + #2	SEC / TWP / RANG 11 / 13S / 20E		

EMP NAME	EMP #	EXPOSURE HOURS	MRS	EMP NAME	EMP #	EXPOSURE HOURS	MRS	EMP NAME	EMP #	EXPOSURE HOURS	MRS	EMP NAME	EMP #	EXPOSURE HOURS	MRS
Lex Cook		7		Tim Slaughter		7									
		H0103				H5168									

START NO.	TIME	RATE (GPM)	VOLUME (GAL)	PUMPS		PRESS. (PSI)	JOB DESCRIPTION / REMARKS
				T	C		
	0700						Called out
	0800						Word safety meeting
	0815						Leave yard
	1100						on location
							Safety meeting, set up job procedures.
							2 1/2 TBG @ 200' inside 5 1/2" 17" CSG.
1	1348	2.4	10		200		Pump fresh H <sub>2</sub> O ahead well circulating
	1356	2.8	0		250		start cut 12 1/2" 6" @ 15.8" 1.15 F/1K 5 gal/1K
	1358		2.7				and cut
	1358	2.9	0		110		start drop w/ H <sub>2</sub> O
	1400	0	1.3		0		and drop.
							Plug balanced 108' Plug
							port to 470'
2	1429	2.2	5		40		Pump fresh H <sub>2</sub> O well circulating
	1435	2.6	0		90		start cut 6 1/2" 6" @ 15.8" 1.15 F/1K 5 gal/1K
	1436		1.2				and cut
	1436	2.6	0		30		start drop.
	1437		1.5				and drop
							plug balanced 50' Plug
							port
							* Move to Willow Creek #2 location *
							the life 468' in 5 1/2" 17" CSG.
							Net 50' balanced plug.
	1649	2.5	2		100		Pump fresh H <sub>2</sub> O well circulating
	1654	2.8	0		80		start cut 6 1/2" 6" @ 15.8" 1.15 F/1K 5 gal/1K
	1655		1.2				and cut
	1655	2.7	0		50		start drop
	1656		1.5				and drop
							plug balanced
							port
							and job

Thanks  
Halliburton

005



CHARGE TO:  
**McMurry Oil Co.**  
 ADDRESS:  
**PO Box 1579**  
 CITY, STATE, ZIP CODE:  
**Freeport, TX 77541**

ORIGINAL - DUNCAN COPY

TICKET **VK**

No.

**378967-6**

PAGE **1** OF **1**

HALLIBURTON ENERGY SERVICES

10000  
 SERVICE LOCATIONS  
 1. **OSS685-Vernal** WELL/PROJECT NO. **#142** LEASE **Willow Creek** COUNTY/PARISH **Winkler** STATE **TX** CITY/OFFSHORE LOCATION **Willow Creek** DATE **2-6-98** OWNER **Same**  
 2. TICKET TYPE  SERVICE  SALES NITROGEN JOB?  YES  NO CONTRACTOR **Cole Well** WELL NAME/NO. **20** SHIPPED VIA **C.T.** DELIVERED TO **Location** ORDER NO.  
 3. WELL TYPE **01** WELL CATEGORY **02** JOB PURPOSE **115 PTA** WELL PERMIT NO. WELL LOCATION **Sec 11 T13S R20E**  
 4. REFERRAL LOCATION **See CMT plugs to abandon wells as instructed**

PRICE REFERENCE	SECONDARY REFERENCE	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
000-117		40 MILEAGE PCN 78322	1	WT	140 mi	365 511 <sup>00</sup>
000-119		Mileage Pick-up 93177	1	WT	140 mi	215 301 <sup>00</sup>
009-019		CMT THROUGH TB6	1	WT	2000 FT	4 hr 2454 <sup>10</sup>
009-027		Additional Hours	3	hr		433 <sup>00</sup> 1299 <sup>00</sup>
000-150		Environmental Surcharge	1	Job		55 <sup>00</sup> 55 <sup>00</sup>
000-151		Iron Safety Insp. Surcharge	1	Job		33 <sup>00</sup> 33 <sup>00</sup>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

X **[Signature]**  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 A.M.  P.M.

TYPE LOCK \_\_\_\_\_ SUB SURFACE SAFETY VALVE WIRE  
 PULLED & RETURN  PULLED  RUN  
 BEAN SIZE \_\_\_\_\_ TYPE OF EQUALIZING SUB. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_  
 DEPTH \_\_\_\_\_ TUBING SIZE \_\_\_\_\_ TUBING PRESSURE \_\_\_\_\_ WELL DEPTH \_\_\_\_\_  
 SPACERS \_\_\_\_\_ TREE CONNECTION \_\_\_\_\_ TYPE VALUE \_\_\_\_\_

PAGE TOTAL **46530**  
 FROM CONTINUATION PAGE(S) **564 6**  
**5317 12**  
**-42% 2191 4**  
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE **3025 8**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this order.  
 CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) **X [Signature]** CUSTOMER OR CUSTOMER'S AGENT SIGNATURE **[Signature]** HALLIBURTON OPERATOR/ENGINEER **[Signature]** EMP # **10102** HALLIBURTON APPROVAL **[Signature]**

FLACK PETROLEUM

08/10/98 MON 10:18 FAX 3072653231

PLG 10 '98 09:45 FR HALLIBURTON VERNAL 001 789 3892 TO 1307853231

P.02



**McMURRY OIL COMPANY  
COMPLETION & WORKOVER  
DAILY REPORT**

**LEASE: WILLOW CREEK 1**

**DATE: 8/6/98**

**CONTRACTOR: Colorado Well Service Rig 20**

**KB: 13.50**  
**PBTD: 7223.42**  
**GROUND LEVEL: 5919 3/5**  
**LEGAL DESCRIPTION: NE-NE/4, S 11 T 13S R 20E**

**NEW 2-3/8**  
**L-80 4.7# TBG.**  
**EUE 8RD.**

**CASING DETAIL:**

**SURFACE: 8 5/8 24# J-55 444'**  
**PRODUCTION: 5 1/2 17# N-80 7264' KB**  
**FLOAT @ 7223.42' KB**  
**lock pins out 2 1/4", in 1 1/4"**  
**PBTD; CIBP @ 4,840' KB**

**DRILLING COST: \$532,000.00**

**DAILY COST: \$12,734.00**

**CUM COST OF COMPLETION: \$431,744.00**

**AFE CUM COST: \$963,744.00**

**DAILY LOG:**

MIRU service rig, RU OWP and dump bail 5 sacks of cement on top of CIBP at 4840', RD OWP. PU and run 2100' of tubing and RU Howco. Placed a 12 sack 108' cement plug of class G from 2000' to 1892'. Pulled tubing to base of surface casing shoe and placed a 6 sack 50' long class G cement plug from 420' to 470' KB. Layed down all tubing, installed tree, RD rig and move to #2 well.

note: howco cement mixed at 15.8 ppg, 1.15 ctps, class G.

**DAILY COST:**

	DAILY COSTS	CUM COSTS
SERVICE RIG	\$1,194.00	\$59,354.00
BOP		\$10,815.00
SERVICE TOOLS		\$2,000.00
DOWNHOLE TOOLS		\$8,122.00
TUBULARS		\$30,057.00
STIMULATION/PUMPING SERVICE	Howco-cmt plugs to P&A \$1,600.00	\$140,264.00
SNUBBING SERVICE		
N2 SERVICE		\$5,563.00
SLICK LINE		\$2,415.00
ELECTRIC LINE	OWP to set dump cement on CIBP \$1,650.00	\$14,154.00
PERFORATING		\$28,017.00
FLUIDS	haul off fluids \$1,200.00	\$23,475.00
SUPERVISION	\$250.00	\$23,725.00
FLOW TEST	flow back manifold \$1,800.00	\$20,325.00
RENTAL EQUIPMENT (SURFACE)	light tower, pp, FB tank \$3,360.00	\$14,850.00
WELLHEAD		\$6,140.00
TANKS	\$1,680.00	\$7,800.00
TRUCKING		\$10,612.00
OTHER		\$8,033.00
HEAT FLUID		\$4,320.00
DIRT WORK		\$4,806.00
PURCHASE KCL		\$6,897.00
<b>DAILY TOTAL</b>	<b>\$12,734.00</b>	
<b>PREVIOUS TOTAL</b>	<b>\$419,010.00</b>	
<b>CUMULATIVE TOTAL</b>		<b>\$431,744.00</b>

PREPARED BY: Doug Flack

(this fax has also been sent to Mike Fosdick – McMurry Oil, Casper WY.)

8/10/98 12:41:59 PM

**FAX TO: DAN JARVIS**

COMPANY: UTAH OIL & GAS COMMISSION

FAX NUMBER: 1-801-359-3940

TELEPHONE DIRECT; 801-538-5338

LOCATION: SALT LAKE CITY, UTAH

**FAX FROM: FLACK PETROLEUM CONSULTANTS, INC.**

FAX NUMBER: 1-307-265-3231

TELE. NO. 1-307-265-8197

TOTAL NUMBER OF PAGES INCLUDING THE COVER PAGE: 3

Attached are Colorado Well Service daily time tickets for the day that the 2 wells were plugged.

We ask that these reports be held as "confidential", unless released by McMurry Oil Company; please contact Mike Fosdick for permission to release this data 1-307-473-2033

Thanks, Doug Flack  
Consulting Engineer, McMurry Oil Co.

**COLORADO WELL SERVICE, INC.**  
2609 E. Main - Rangely, Colorado 81848 • (970) 875-8881

76341

Mc Murry RIG NO. #70 DATE 8-6-98  
 LEASE Willow Creek WELL NO. #2  
 COUNTY Wintah STATE Utah  
 CSO PRESS \_\_\_\_\_ TSO PRESS \_\_\_\_\_ BSC \_\_\_\_\_ TOWNSHIP \_\_\_\_\_ RANGE \_\_\_\_\_

PULLED OUT OF HOLE			RUN IN HOLE			
JOINTS	FEET	DESCRIPTION	MATERIAL	DESCRIPTION	JOINTS	FEET
			Probs Rod			
			Paray Rod			
			Paray Rod			
			Rods			
			Rods			
			Rods			
			Pump			

WE APPRECIATE YOUR BUSINESS AND LOOK FORWARD TO PROVIDING YOU SERVICE AGAIN

DESCRIPTION OF WORK PERFORMED	CREW MEMBERS INITIAL BY NAME FOR NO ACCIDENTS	AMOUNT
5:00 to 7:00 Travel to loc.	Operator <u>Jason Futherson</u> 10 Hours	
7:00 to 12:00 R.U. OMP.	Derrickman <u>Steve Chacora</u> 10 Hours	
set CEBL @ (92.00)	Floorman <u>Tony Davis</u> 10 Hours	
Pressure Tested to 4000psi	Floorman _____ Hours	
Held 10 min. bleed off	Brake Labor _____ Hours	
Press dump, cracks cement	Rig Hoist. Lsh. Operator & Man 6 Hours @ 155 <sup>00</sup> = 798 <sup>00</sup>	
as CEBL R.D. OMP.	Grease Tanker Title 4 Hours @ 84 <sup>00</sup> = 336 <sup>00</sup>	
N.D. BOB R.D. M.D.	Rig Supervisor <u>Garrett Boush</u> 6 Hours @ 225 <sup>00</sup> = 225 <sup>00</sup>	
3:00 to 6:00 M.T. R.U.	Rig Supervisor Travel 4 Hours @ 32 <sup>00</sup> = 128 <sup>00</sup>	
T.H. to 468' R.U.	Gas Equipment Class _____ Hours @ _____	
Halliburton, swapped cement	Rigging Equipment Class _____ Day @ _____	
R.D. Halliburton laid da	Hydraulic BOP <u>Rental</u> _____ Day	
15' R.D. Floor N.U. Tree	Rig Cables / Ram Puffers _____ Day	
6:00 to 8:00 Travel to Verdad	Trucking Rigging _____ Day	
	Trucking Springs Rubber J.U.T.M.T. _____ Day	
	Truck Water _____ Day	
	Slip Type Gear (steel) M.Y.T.M.T. _____ Day	
	Light Plant _____ Hours @ _____	
	Fluid Filtration Tools _____ Day	
	Diesel Fuel _____ Gallons @ _____ /Gal.	
	Pipe Caps _____ 20 <sup>00</sup> /Cap = 20 <sup>00</sup>	
	Crew Transportation _____ Man @ _____ /Day	
	Rig Support/Day Transportation _____ Man @ _____ /Day	
	Tong Clus - Foster III Millman Halsey _____ @ _____ /Each	
	Slip Insert - 2 3/8 2 7/8 3 1/2 S or C _____ @ _____ /Each	
	Oil Cover Plugs _____ @ _____ /Each	
	Swab 1 1/4" 2 3/4" 5/8" _____ @ _____ /Each	
	Swab 1 1/2" 2 7/8" 1 1/2" _____ @ _____ /Each	
	Swab 2 1/8" 3 1/2" _____ @ _____ /Each	
	Rod Wiper Rubbers 1" 1 1/2" 1 3/4" _____ @ _____ /Each	
	Pipe Wiper Rubbers 1" 1 1/2" 1 3/4" _____ @ _____ /Each	
	Cap/Washer _____ Day	
	Spools / 30 Bits _____ Day	
	Winch Spool _____ Man @ _____ /Man	
	Miscellaneous Charge _____	
Rig Supervisor <u>Garrett Boush</u>		
ESTIMATED DAILY COST <u>11507.00</u>		
ONLY AN ESTIMATE - INVOICE WILL FOLLOW		
ACCEPTED AS PER TERMS ON REVERSE SIDE		
BY: <u>DM Ford</u>		
A/E: <u>Willow #2</u>		
		ESTIMATED TOTAL \$

TERMS: Net 30 days - 24% per annum or highest rate allowed by law charged on all past due accounts. Reasonable attorney fees charged on collections.

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

6. Lease Designation and Serial Number  
**Fee**

7. Indian Allottee or Tribe Name  
**N/A**

8. Unit or Communitization Agreement  
**N/A**

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT -- for such proposals

1. Type of Well  
 Oil Well     Gas Well     Other (specify) ?

9. Well Name and Number  
**West Willow Creek Ranch #1**

2. Name of Operator  
**McMurry Oil Company**

10. API Well Number  
**43-047-32947**

3. Address of Operator  
**P.O. Box 220, Casper, WY**

4. Telephone Number  
**(307) 473-2033**

11. Field and Pool, or Wildcat  
**Wildcat**

5. Location of Well  
 Footage : **1000' FNL 1000' FEL** County : **Uintah**  
 QQ, Sec, T., R., M. : **NE/4 NE/4 SEC 11-T31S-R20E** State : **Utah**

**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
 (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
 (Submit Original Form Only)

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans          | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection  | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat           | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____              |   |

Date of Work Completion **August 6, 1998**

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

August 6, 1998 - Set CIBP at 2310' KB, filled csg w/3% KCL, pressure tested to 4000 psig for 15 min  
 Released pressure, dump bailed 5 sacks cement on top of bridge plug  
 Ran tubing and set a class G 50' cement plug across the setting depth (443' KB) of surface casing  
 Bottom of cement plug is 467' KB / top of cement plug is 417' KB - used 6 sacks class G cement

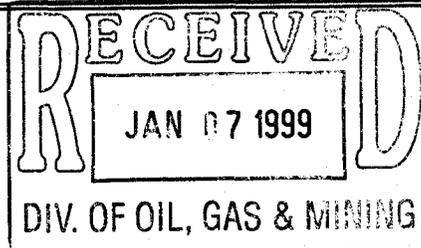
August 12, 1998 - Removed tree and dug out around well head

August 13, 1998 - Cut off well head and 5 1/2" casing  
 Placed 10 sacks G cement inside 5 1/2" casing from surface to approximately 30'+  
 Installed dry hole marker  
 Pumped 57 sacks class G cement between 8 5/8" csg and 5 1/2" csg  
 Location ready for reclamation in the spring of 1999

14. I hereby certify that the foregoing is true and correct.

Name & Signature Michael R. Fosdick Title VP Ops & Eng Date 12/15/98

(State Use Only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**R E C E I V E D**  
APR 8 1999

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO. \_\_\_\_\_  
 Fee \_\_\_\_\_  
 6. ALLOTTEE OR TRIBE NAME \_\_\_\_\_  
 N/A

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF COMPLETION  
 NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other **P&A**

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME, WELL NO.  
**West Willow Creek Ranch**

2. NAME OF OPERATOR  
**McMurry Oil Company**

9. WELL NO.  
**#1**

3. ADDRESS AND TELEPHONE NO.  
**P.O. Box 220, Casper, WY 82602 (307) 473-2033**

10. FIELD AND POOL OR WILDCAT  
**Wildcat**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements)  
 At Surface **NE NE, 1000' FNL 1000' FEL**  
 At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**SEC 11 - T13S-R20E**

At total depth

14. API NO. **43-047-32947** DATE ISSUED **9/10/97** 12. COUNTY **Uintah** 13. STATE **UTAH**

15. DATE SPUNDED **11/9/97** 16. DATE T.D. REACHED **11/24/97** 17. DATE COMPL. (Ready to prod. or Plug) **8/13/98** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5924.3' GR** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **7,271'** MD TVD 21. PLUG, BACK T.D., MD & TVD TD TVD 22. IF MULTIPLE COMPL., HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY **0 - 7,271' TD** ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)  
**N/A**

25. WAS DIRECTIONAL SURVEY MADE \_\_\_\_\_

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL-8/2/98** 27. WAS WELL CORED YES  NO  (Submit analysis)  
**Comp Neutron, Array Induction, Borehole Comp Sonic** DRILL STEM TEST YES  NO  (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	444'	11"	Surface - 150 sx cement	
5 1/2"	17#	7,264'	7 7/8"	Production - 1,060 sx cement	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
7,076 - 7,165	.34 in	12
6,618 - 6,702	.34 in	9

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7,076 - 7,165	93,800 lbs proppant, 349,000 scf N2
6,618 - 6,702	33,000 lbs proppant, 324,000 scf N2

33.\* PRODUCTION

DATE FIRST PRODUCTION **N/A** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) **P&A**

DATE OF TEST \_\_\_\_\_ HOURS TESTED \_\_\_\_\_ CHOKE SIZE \_\_\_\_\_ PROD'N. FOR TEST PERIOD \_\_\_\_\_ OIL--BBL. \_\_\_\_\_ GAS--MCF. \_\_\_\_\_ WATER--BBL. \_\_\_\_\_ GAS-OIL RATIO \_\_\_\_\_

FLOW. TUBING PRESS. \_\_\_\_\_ CASING PRESSURE \_\_\_\_\_ CALCULATED 24-HOUR RATE \_\_\_\_\_ OIL-BBL. \_\_\_\_\_ GAS--MCF. \_\_\_\_\_ WATER--BBL. \_\_\_\_\_ OIL GRAVITY-API (CORR.) \_\_\_\_\_

**CONFIDENTIAL PERIOD EXPIRES 9-13-99**

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED M. R. Fosdick TITLE VP Operations & Engineering DATE 3/24/99

**See Spaces for Addition Data on Reverse Side**