

RECEIVED

FILING FOR WATER IN THE STATE OF UTAH

Rec. by _____
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Microfilmed _____
Roll # _____

SEP 11 1989

DIVISION OF OIL, GAS & MINING

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

WATER RIGHT NUMBER: 43 - 10168

APPLICATION NO. T62386 ⁶⁴¹⁹⁶

1. PRIORITY OF RIGHT: September 5, 1989 FILING DATE: September 5, 1989

2. OWNER INFORMATION

Name: Curry Leasing
Address: C/O Joe Curry, P. O. Box 227, Altamont, UT 84001
The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 0.015 cubic feet per second (CFS)

4. SOURCE: Unnamed Spring DRAINAGE: Duchesne River
POINT(S) OF DIVERSION: COUNTY: Duchesne

(1) S. 1400 feet, W. 200 feet, from the NE Corner of Section 1, Township 2 S, Range 4 W, USM

Description of Diverting Works: pumped into tank trucks

COMMON DESCRIPTION: .25 Mi. SW of Mt. Emmons

5. NATURE AND PERIOD OF USE

Oil Recovery: From April 1 to March 31.

6. PURPOSE AND EXTENT OF USE

Oil Recovery: Oil Well service & completion work, Water Hauling

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE%	NW%	SW%	SE%												
1 S	2 W	ALL																
1 S	3 W	ALL																
1 S	4 W	ALL																
2 S	2 W	ALL																
2 S	3 W	ALL																
2 S	4 W	ALL																

All locations in Uintah Special Base and Meridian

(X Pennzoil-43-013-31245 miles 7-783 sec)

EXPLANATORY

Appropriate

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

(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

b. TYPE OF WELL
OIL WELL PLUG BACK WELL OTHER

CONFIDENTIAL

DEEPEN

PLUG BACK

2. NAME OF OPERATOR

PENNZOIL Exploration & Production Company

3. ADDRESS OF OPERATOR

P.O. Box 290 Neola, Utah 84053
At surface

2449' FNL & 1210' FWL

At proposed prod. zone

SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

About 3.0 miles South & East of Altamont, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

174'
1210'

16. NO. OF ACRES IN LEASE
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

2,523'

19. PROPOSED DEPTH
Wasatch 14,600'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6145.0' GL (UNGRADED)

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
9-5-89

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Miles

9. WELL NO.

7-7B3

10. FIELD AND POOL, OR WILDCAT

Altamont Wasatch (055)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SWNW

Sec. 7, T2S, R3W.

12. COUNTY OR PARISH

Duchsene

13. STATE

UT

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	10 3/4"	51 & 45.5	3,000'	2550 ft3
8 3/4"	7"	23,26,29	14,600'	2500 ft3

- Enclosed attachments:
 - Certified Location Plat.
 - Drilling Plan.
 - BOP Schematic.
 - Map showing roadway to wellsite.
 - Schematic showing...rig layout on wellsite. ...wellsite cross-sections.

2. Temporary Water Permit: 43-10168 and from the BIA water from the "Uintah Irrigation Project Water Rights"

3. And AFE has been prepared and sent to partners for approval.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

24. SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE 9-7-89

(This space for Federal or State office use)

PERMIT NO.

43-013-31245

APPROVAL DATE

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 9-21-89

BY: John R. Sage

WELL SPACING: Case No. 139-42

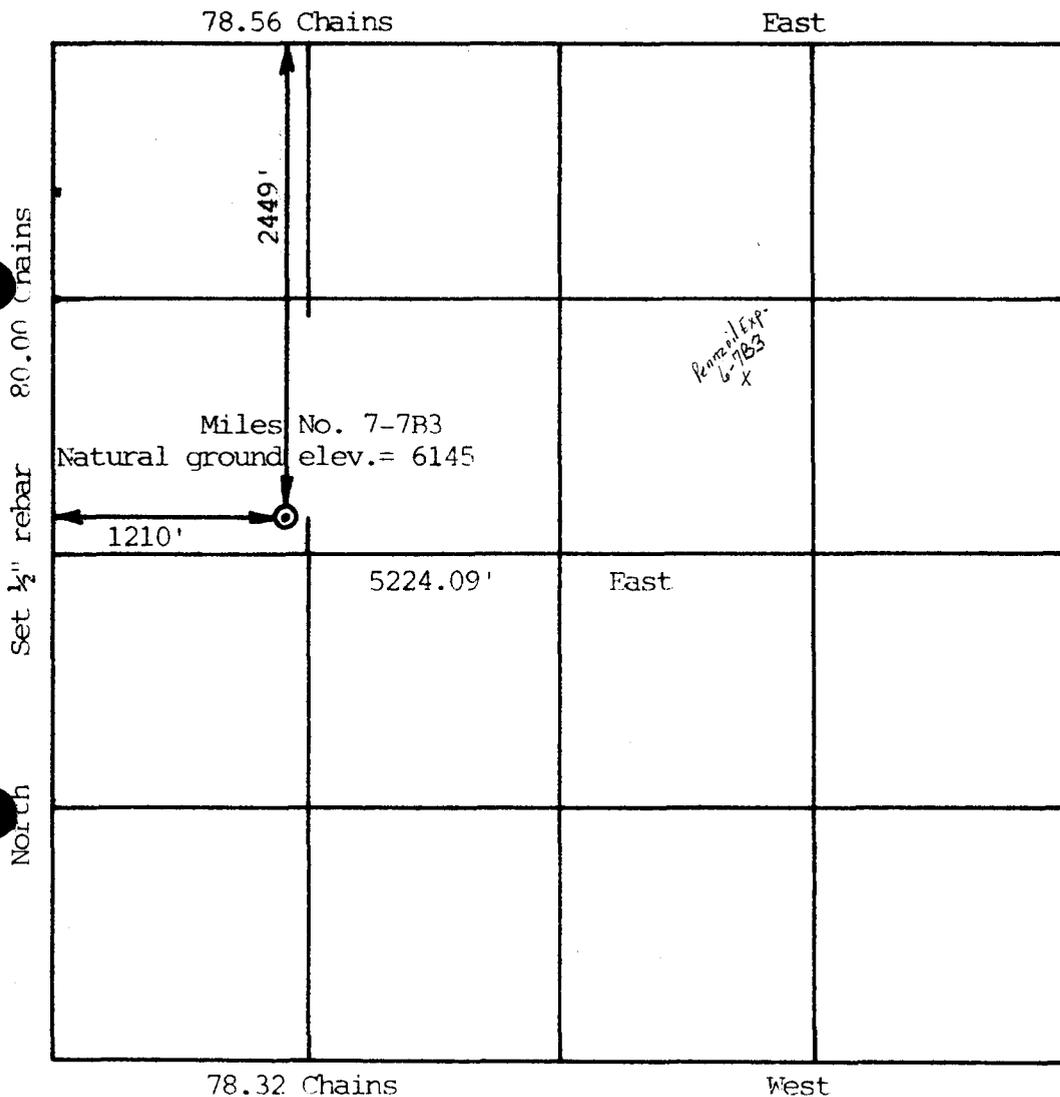
UT-1989 BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

SECTION 7
 TOWNSHIP 2 SOUTH, RANGE 3 WEST
 UINTAH SPECIAL BASE AND MERIDIAN
 DUCHESNE COUNTY, UTAH

PENNZOIL EXPLORATION & PRODUCTION CO.

WELL LOCATION: S.W. 1/4, N.W. 1/4



RECEIVED
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SCALE 1"=1000'

STATE OF UTAH
 DEPARTMENT OF GAS & MINING

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location, as shown on this plat.

9/23/89
 Date

Clinton S. Peatross
 Clinton S. Peatross
 License No. 4779 (Utah)



Section data obtained from G.L.O. plats.
 Job #443
 Established position of the East and West
 1/4 corners by splitting right of way fences.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE AMENDED :
PETITION OF ANR LIMITED INC., :
ET AL. FOR AN ORDER MODIFYING : FINDINGS OF FACT,
PREVIOUS ORDERS WHICH : CONCLUSIONS OF LAW
ESTABLISHED DRILLING AND : AND ORDER
SPACING UNITS AND ANY OTHER :
ORDERS RELATING TO TEST WELLS : Docket No. 85-007
FOR THE ALTAMONT, BLUEBELL : Cause No. 139-42
AND CEDAR RIM-SINK DRAW :
FIELDS, DUCHESNE AND UINTAH :
COUNTIES, UTAH :

Pursuant to the Amended Notice of Hearing dated March 4, 1985 of the Board of Oil, Gas and Mining ("Board"), Department of Natural Resources of the State of Utah, said cause came on for hearing on Thursday, April 11, 1985 at 10:00 a.m. in the Board Room of the Division of Oil, Gas and Mining ("Division"), 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

The following members of the Board were present:

Gregory P. Williams, Chairman
James W. Carter
Charles R. Henderson
Richard B. Larson
E. Steele McIntyre
John M. Garr, having recused himself,
did not participate

Mark C. Moench, Assistant Attorney General, was present on behalf of the Board.

Members of the Staff of the Division present and participating in the hearing included:

Dr. Dianne R. Nielson, Director
Ronald J. Firth, Associate Director
John R. Baza, Petroleum Engineer

Barbara W. Roberts, Assistant Attorney General, was present on behalf of the Division.

Appearances were made as follows: Petitioners ANR Limited, et al., by Frank Douglass, Esq. and Ray H. Langenberg, Austin, Texas; Robert G. Pruitt, Jr., Esq., Salt Lake City, Utah; Frank J. Gustin, Esq., Salt Lake City, Utah; Louis A. Posekany, Jr., General Counsel, and George W. Hellstrom, Esq., ANR Production Company; Phillip K. Chattin, General Counsel, Utex Oil Company; Hugh C. Garner, Esq., for Coastal Oil & Gas Corporation; Phillip William Lear, Esq., for Phillips Petroleum Company; Jeffrey R. Young, Esq., for Bow Valley Petroleum, Inc.; B. J. Lewis, Esq., Vice President, and Robert W. Adkins, Esq., Linmar Energy Corporation; Robert Buettner, Esq., Koch Exploration Company; Lane Jamison, Esq., Sonat Exploration Company; Victor Brown and Robert Brown, Utah Royalty Association; John Harja, Esq., Gulf Oil Corporation; Martin Seneca, General Counsel, Ute Indian Tribe; Assad M. Raffoul, Petroleum Engineer, Bureau of Land Management; John Chasel, on his own behalf; George Morris, Esq., Ute Distribution Corporation; Dr. Gilbert Miller, Conservation Superintendent, Amarada Hess Corporation; and L. A. Pike, Roosevelt, Utah, landowner.

Now therefore, the Board having considered the testimony of the witnesses, John C. Osmond, Petroleum Geologist; Clarke Gillespie, Petroleum Reservoir Engineer; and R. Thayne Robson, Economist, for Petitioners and B. J. Lewis, Vice President, and John W. Clark, Petroleum Engineer, for Linmar Energy Corporation, and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.
2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.
3. The Board has heretofore entered 640 acre drilling and spacing orders for the Lower Green River/Wasatch Formation in Causes No. 139-3, 139-4, 139-5, 139-8, and 139-17 (Altamont Field), Causes No. 131-11, 131-14, 131-24, 131-27, 131-32, 131-33, 131-34, 131-45 and 131-55, (Bluebell Field), and Causes No. 140-6 and 140-7 (Cedar Rim-Sink Draw Field) as to the following described lands:

UINTAH SPECIAL MERIDIAN

Township 1 North, Range 1 West
Sections: 19-36

Township 1 North, Range 2 West
Sections: 19-36

Township 1 North, Range 3 West
Sections 23-26, 35 and 36

Township 1 South, Range 1 East
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 East
Sections: 4-8, 18-19, 30-31

Township 1 South, Range 1 West
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 through 4 West
Sections: All

Township 1 South, Range 5 West
Sections: 10-17, 20-36

Township 1 South, Range 6 West
Sections: 25-26, 35-36

Township 2 South, Range 1 through 2 East
Sections: All

Township 2 South, Range 1 through 6 West
Sections: All

Township 2 South, Range 7 West
Sections: 19, 30-36

Township 2 South, Range 8 West
Sections: 23-26, 31-36

Township 3 South, Range 3 West
Sections: 5-8, 17-20, 29-32

Township 3 South, Range 4 through 8 West
Sections: All

Township 4 South, Range 3 West
Sections: 5 and 6

Township 4 South, Range 4 West
Sections: 1-6

Township 4 South, Range 5 West
Sections: 1-6

Township 4 South, Range 6 West
Sections: 1-18

SALT LAKE MERIDIAN

Township 5 South, Range 19 East
Sections: 20-23, 26-29, 32-35

Township 6 South, Range 19 East
Sections: 3-5, 9, 10, 15, 16, 22, 27
and 34

4. In Cause No. 140-12, the Board authorized the drilling of test or second wells that may only be produced alternatively with the initial well on the same drilling unit.

5. The Lower Green River/Wasatch Formation underlying the subject fields constitutes a pool as that term is defined in Utah Code Ann. §40-6-2(9) (1953, as amended), and is a highly complex series of isolated and discontinuous beds of productive rock that are randomly distributed vertically over a several thousand feet thick interval. Normally, the productive beds are separate and distinct and not in communication with each other.

6. Many of the productive beds are not correlatable from well to well and will not afford communication between wells as close as 1000 feet. Of the productive beds that correlate, various geological factors prevent a significant number from communicating between wells within the same section.

7. Geologic and engineering information from initial unit wells and test wells show that a single well will not effectively drain the recoverable oil and gas underlying any given 640 acre spacing unit because the productive beds are too

small or have other limiting characteristics precluding effective and efficient drainage of the recoverable reserves underlying the unit.

8. Data from production logs and field performance show that test wells drilled under the Order in Cause No. 140-12 after 1978 have caused the recovery of substantial amounts of oil from separate and distinct productive beds and from previously undepleted productive beds, and that the drilling of additional wells on existing units will increase the ultimate recovery of oil from the subject fields.

9. The prohibition of simultaneous production from the initial well and test well on the same unit has caused the shutting in of wells with the potential to produce substantial amounts of additional reserves.

10. Each additional well drilled under this order will tap producing formations that are separate and distinct from and not in communication with any other producing formation and is not an unnecessary well.

11. In some areas of the subject fields, geologic, engineering, and economic factors justify drilling additional wells on existing units. In other areas, geologic, engineering and economic factors may not justify drilling additional wells on existing units.

CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and

purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board is authorized to modify its previous orders to permit additional wells to be drilled within established units under Utah Code Ann. §40-6-6(4) (1953, as amended).

4. An order permitting (a) the drilling of additional wells on existing units as provided herein and (b) the simultaneous production of initial wells and additional wells will prevent the waste of hydrocarbons, prevent the drilling of unnecessary wells, and protect correlative rights.

ORDER

IT IS THEREFORE ORDERED:

To prevent waste of oil, gas and associated liquid hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to maintain, to the maximum extent practicable, drilling units of uniform size and shape for the promotion of more orderly development of the lands described in Finding of Fact No. 3 above, the following order is hereby promulgated to govern operations in said area effective as of April 12, 1985:

A. Upon the effective date any and all orders of the Board heretofore promulgated which are inconsistent with the orders herein set forth shall be and are hereby vacated to the extent inconsistent herewith.

B. Additional wells may be drilled, completed, and produced on established drilling units comprising government surveyed sections of approximately 640 acres (or other designated drilling units so long as such unit is at least 400 acres in size) to a density of no greater than two producing wells on each unit comprising a section (or other designated unit).

C. Additional wells may be drilled at the option of the operator of the unit, based upon geologic and engineering data for that unit which will justify the drilling of an additional well in order to recover additional oil, provided the additional well appears to be economically feasible.

D. Economically feasible means that a prudent operator would have a reasonable opportunity to recover the costs of drilling, completing, producing and operating the well, plus a reasonable profit.

E. It is not the intent of this order, in permitting additional wells to be drilled on established drilling units, to change or amend the existing contractual rights or relationships, express or implied, of any parties who share in production or the proceeds therefrom in the spaced area.

F. Any additional well must be located at least 1,320 feet from the existing well on the unit and not closer than 660

feet from the exterior boundary of the unit. No two wells may be drilled in any drilling unit within the same governmental quarter section or equivalent lot.

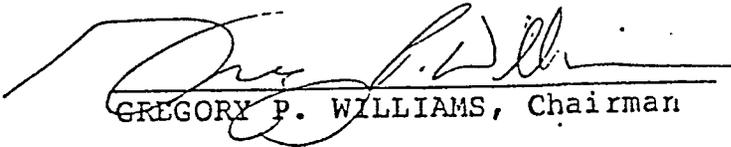
G. If an operator elects to initially complete a well solely within producing formations that are separate and distinct from and not in communication with any other producing formation, the operator will use reasonable precautions in order that such well is not completed in any producing formation that may be effectively drained by any other well.

H. Second or test wells drilled under previous orders as well as additional wells to be drilled under this order may be produced simultaneously with initial wells.

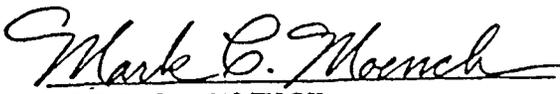
I. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED this 17th day of April, 1985.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING


GREGORY P. WILLIAMS, Chairman

APPROVED AS TO FORM:


MARK C. MOENCH
Assistant Attorney General

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

September 12, 1989

State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Application for Permit to Drill
Miles No. 7-7B3
2464' FNL & 1210' FWL
SWNW Section 7, T2S, R3W
Duchesne County, Utah

Gentlemen:

Please return captioned APD with attachments. This APD is dated August 31, 1989.

Should there be any question, please contact the undersigned.

Sincerely,

Pennzoil Exploration & Production Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

UT-9

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SEP 14 1989

DIVISION OF
OIL, GAS & MINING

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

September 12, 1989

RECEIVED
SEP 14 1989

State of Utah, Dept of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Re: Application for Permit to Drill
Miles No. 7-7B3
2449' FNL & 1210' FWL
SWNW Section 7, T2S, R3W
Duchesne County, Utah

Gentlemen:

The original and two copies of amended captioned APD with attachments are enclosed for your review and I trust your approval. Pennzoil Exploration & Production Company requests that this APD and all related information submitted on this well be held confidential for that period of time as permitted by regulations and law.

Should there be any question, please contact the undersigned.

Sincerely,

Pennzoil Exploration & Production Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

UT-9

OPERATOR:.....PENNZOIL COMPANY
 WELL:.....Miles No. 7-7B3
 WELL LOCATION.:2449' FNL, 1210'FWL
 SWNW Section 7, T2S, R3W
 Duchesne County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

Duchesne River	at surface (surface formation)
Green River	5,290'
Trona	7,561'
MB	7,901'
H	9,307'
K (CP70)	10,624'
WASATCH	10,973'
TAP Hi	11,921'
CP 200	12,803'
CP 216	13,489'
TFL	14,139'
Total Depth	14,600'

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 OIL, GAS & MINING

2. ESTIMATED OIL & WATER DEPTHS:

Water:.....None anticipated
 Top Green River production....oil @ 5,867'
 Top Wasatch production.....oil @ 11,064'

3. PROPOSED CASING PROGRAM:

- A. 16" conductor to be set and cemented at a proposed depth of 60'.
- B. 10 3/4", 51 & 45.5#, N-80/K-55, LT&C to be set and cemented at a proposed depth of 3,000'±.

Cement: Low density filler cement to surface. Tail-in with 250 sks Cl "G" or "H" tailored for depth and Temp.

- C. 7", 23, 26 & 29#, S-95, LT&C/BUTT to be set and cemented to a proposed depth of 14,600'±.

Cement: Low density filler cement to surface. Tail in with Cl "G" or "H" tailored to depth and temperature.

IF NEEDED:

- D. 5", 18#, P-110, integral joint, liner to be set and cemented from 11,100' to 14,500'.

Cement: Cl "G" or "H" tailored to depth & temperature.

4, OPERATOR'S PRESSURE CONTROL PLAN;

Figure No. 1 is a schematic of minimum BOP equipment.

The BOP equipment will be nipped up on the surface casing and pressure tested prior to drilling out:

- A. All rams and choke manifold will be tested to 5000Psi.
- B. Bag preventer will be tested to 50% of its rated working pressure.

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out test surface casing to 0.22 psi per foot of depth or to 3000 Psi whichever is the greatest.

Fill-up line above the Bag Type Preventer.

Kill line located below the BOP rams.

Operational Checks:

Pipe rams will be closed and opened once each 24 hours.

Blind rams will be closed and opened each time the drill string is pulled from the well bore.

Auxiliary well control and monitoring equipment:

- A. Upper and lower kelly cocks will be utilized.
- B. A full-opening drill pipe stabbing valve with proper drill pipe fittings will be utilized when the kelly is not in the string.
- C. PVT equipment will be used to monitor the mud system from the top of the transition zone to Total Depth.

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5. PROPOSED DRILLING FLUID PROGRAM:

A. Conductor & surface hole: Drill with clean fresh water. Drill solids will be flocculated with Lime to keep the water clean.

Should a water flow be encountered, it will be controlled with fresh water mud and drilling will continue.

B. Productive interval: Start drilling this interval with fresh water. Use viscous sweeps to keep the well bore clean and a flocculent to keep the water clean. Below 6,000' carry 5000PPM Chlorides in the drilling fluid.

When well bore conditions dictate (tight hole, bridging & etc.) mud up will be with a low solids, non-dispersed drilling fluid.

Final fluid properties: 13.0/13.5#, 35/45 Vis, 10/12 WL.

WELL BORE EVALUATION:

a. DRILL STEM TESTING:.....None planned.

B. CORING:.....None planned.

C. LOGGING: Surface Hole:.....None.

Productive interval:....DIL-GR
FDC-CNL
BHC-SONIC

D. COMPLETION: The objective formation is the Wasatch. Selected zones will be perforated and evaluated for stimulation work.

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7. PRESSURES & TEMPERATURES:

A. PRESSURE:

At Total Depth (14,600'+) the mud weight will probably be 13.5# and the formation pressure 10,000 Psi.

B. TEMPERATURE:

Temperatures are normal for this area and well depth, probably 235 to 250 degrees at 14,600'.

8. ANTICIPATED STARTING DATE:

Construction of road and location will probably start within five (5) to ten (10) days of permit approval.

9. This well will be drilled per regulations as set forth by the:

State of Utah Natural Resource
Oil, Gas & Mining Division

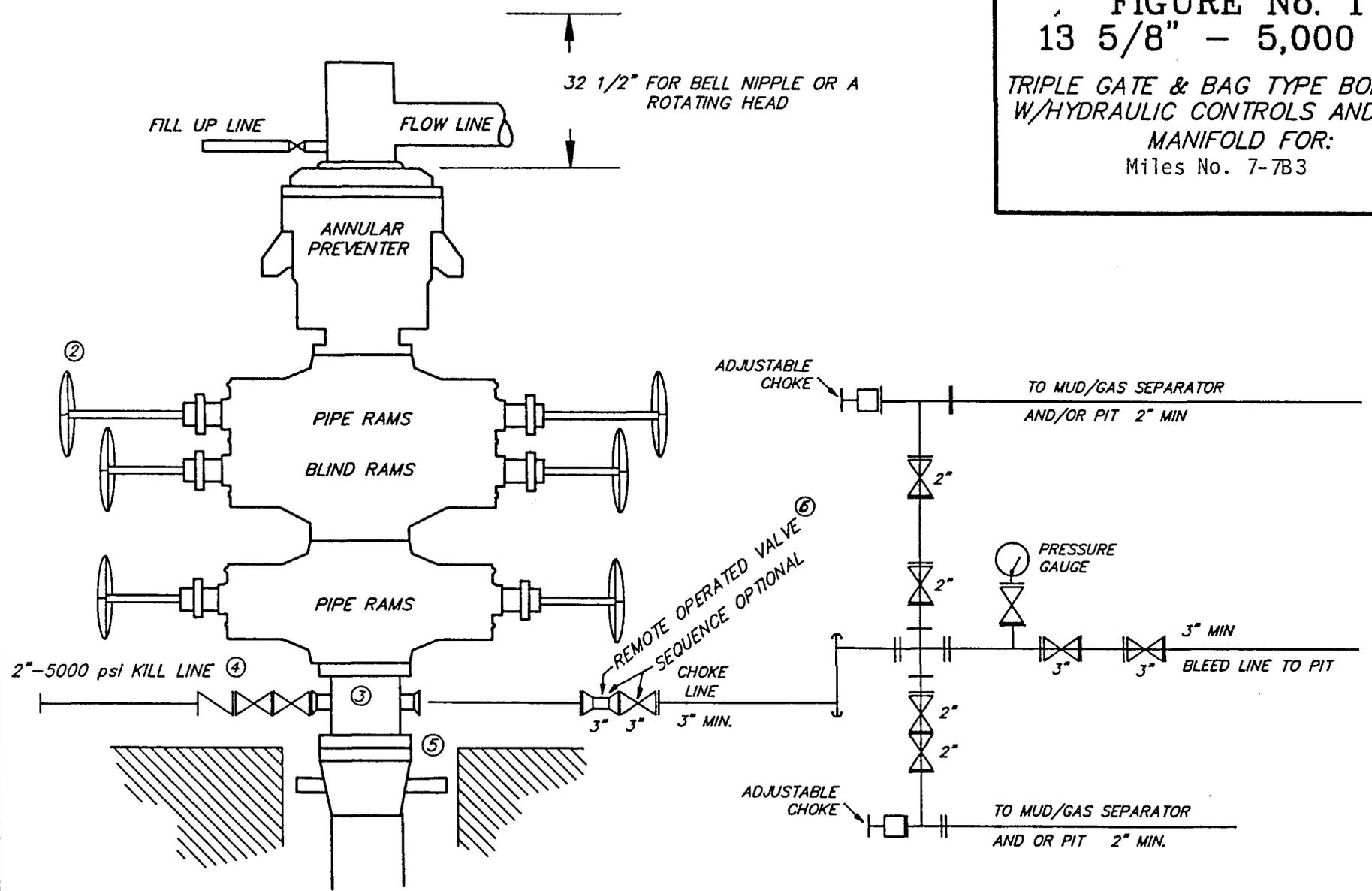
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FIGURE No. 1
13 5/8" - 5,000 psi ①

TRIPLE GATE & BAG TYPE BOP STACK
W/HYDRAULIC CONTROLS AND CHOKE
MANIFOLD FOR:
Miles No. 7-7B3

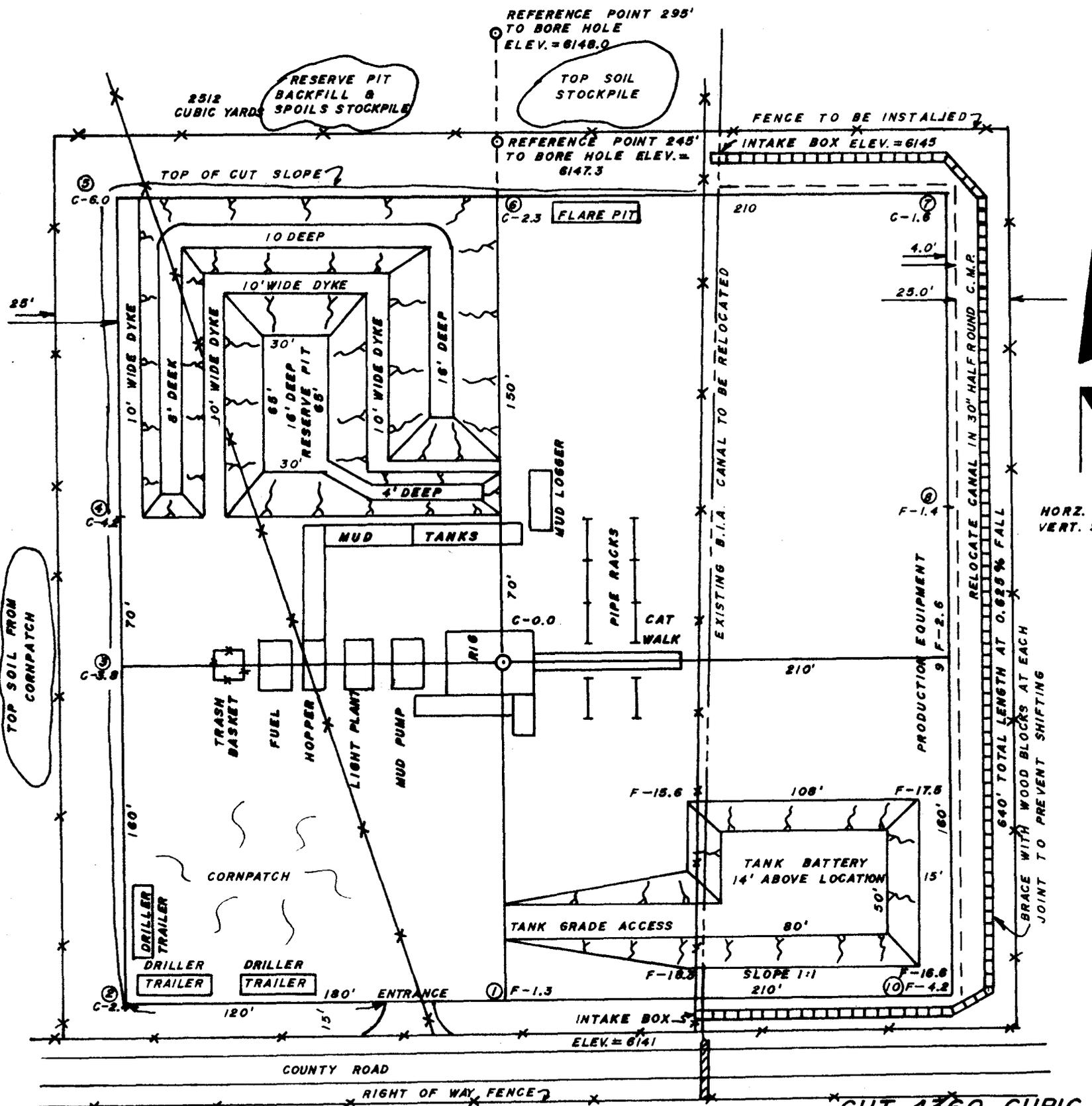


- ① = ALL BOP CONNECTIONS SUBJECTED TO WELL PRESSURE SHALL BE FLANGED, WELDED OR CLAMPED.
- ② = HAND WHEELS FOR EACH SET OF RAMS UNLESS EQUIPPED WITH AUTO LOCK.
- ③ = DRILLING SPOOL UNLESS BOTTOM BOP EQUIPPED WITH SIDE OUTLETS.
- ④ = KILL LINE W/2-2" VALVES & 1-2" CHECK VALVE WITH KILL LINE TO OUTER EDGE OF THE SUB STRUCTURE.
- ⑤ = TOP OF CASING HEAD FLANGE WILL BE AT GROUND LEVEL.
- ⑥ = REMOTE CONTROLS ON RIG FLOOR.

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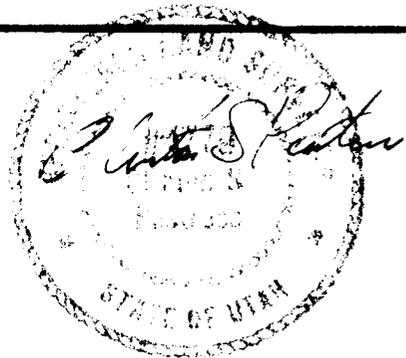
DIVISION OF
 OIL, GAS & MINING

PENNZOIL EXPLORATION & PRODUCTION CO.
MILES NO. 7-7B3
SEC. 7 T.2 S., R.3 W., U.S.B.&M.

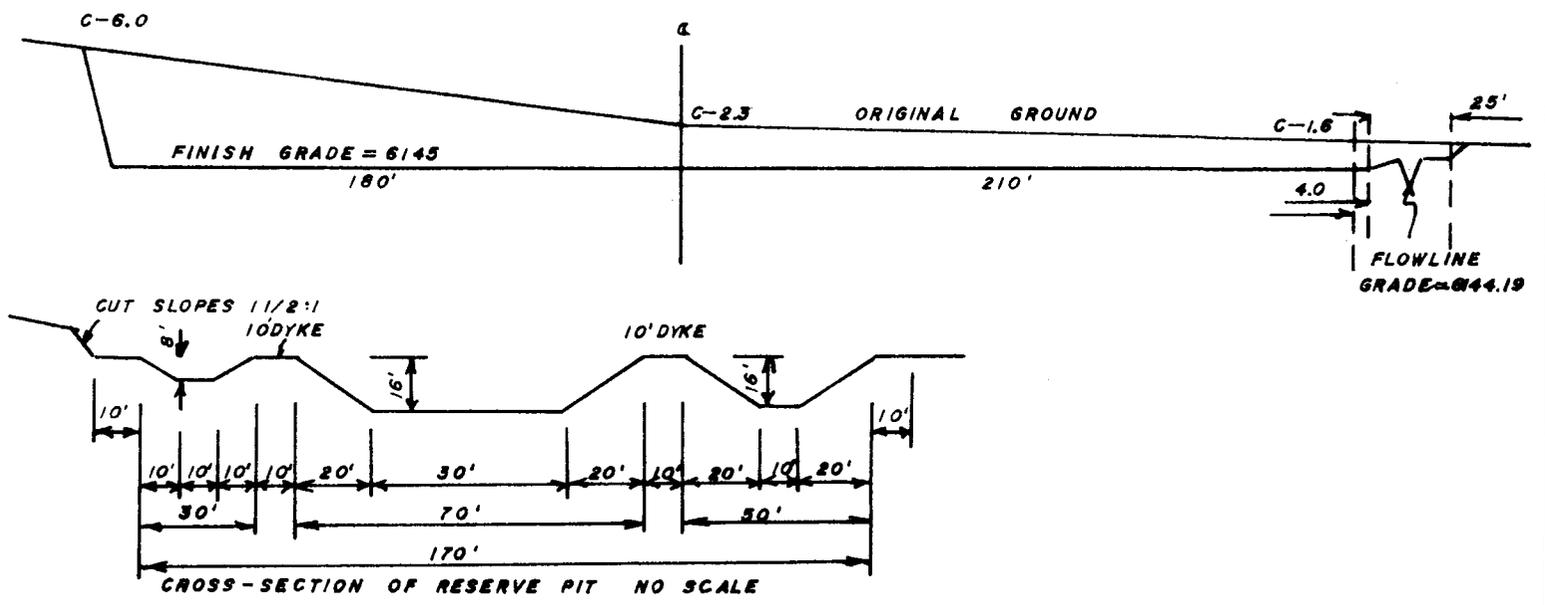


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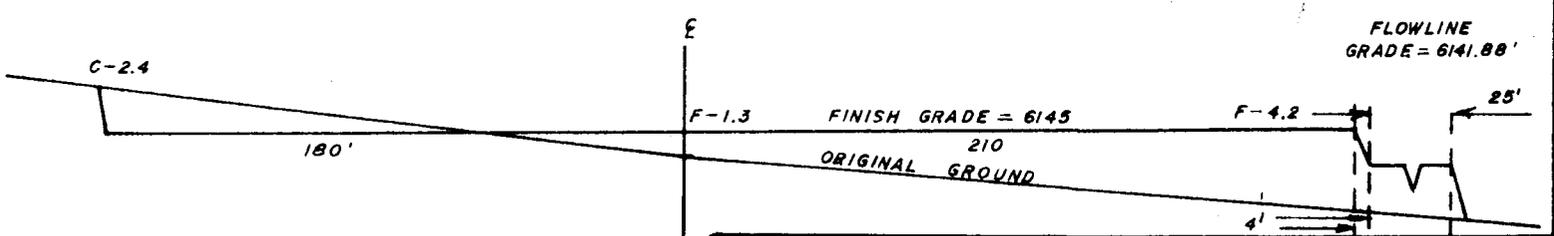
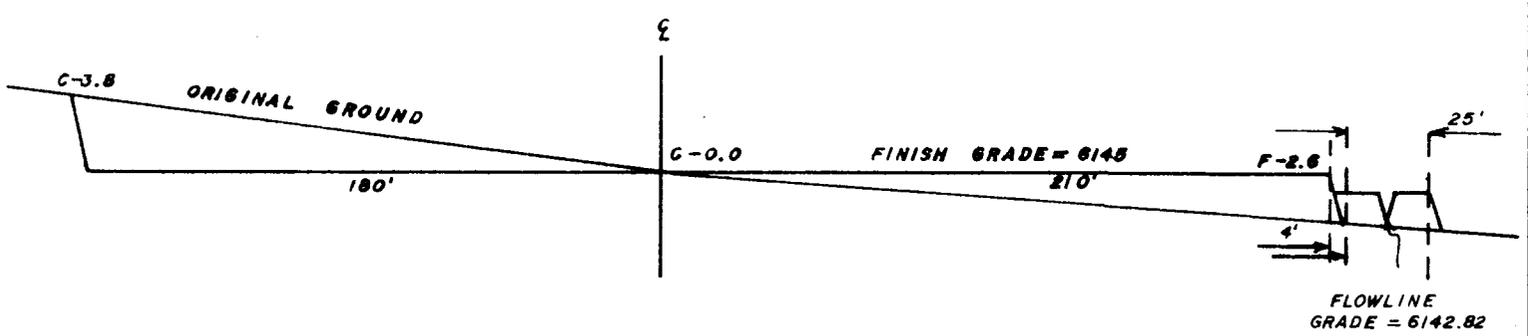
CUT 4360 CUBIC
2 FEET IN CORN
OF LOCATION 1
CUT 6971 CUBIC YA
CUT 6488 CUBIC YA



9/6/89



SCALE 1"=60'
SCALE 1"=10'



YARDS OF TOP SOIL, STRIPPING
PATCH AND 6" ON REMAINDER
TO BE STOCKPILED.
YARDS ON REMAINDER OF LOCATION
YARDS IN RESERVE PIT
YARDS INCLUDING TANK BATTERY.

PREPARED BY
PEATROSS LAND SURVEYS
REGISTERED LAND SURVEYORS
P.O. BOX 271
DUCHESNE, UTAH 84021
(801) 738-2386

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other

1. Date of Phone Call: 8/3/89 Time: 9 + AM

2. DOGM Employee (name) _____ (Initiated Call)
Talked to:
Name Doug Miles (Initiated Call) - Phone No. (454-3419)
of (Company/Organization) _____

3. Topic of Conversation: Pennzoil proposed location in
SE 1/4, Sec. 7, 25, 30. Best farm land.

4. Highlights of Conversation: Mr. Miles has talked to Dick Johns, Attorney.

Discussion of Mr. Miles:
Mr. Miles wants DOGM to impose certain
restrictions to Pennzoil if drilling is
permitted. i.e. closed mud system, etc. -
for protection of property + water wells, etc.
Mr. Miles indicated he had had previous
discussions of IRB. re: this matter.

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: PENNZOIL COMPANY WELL NAME: MILES #7-7B3
SECTION: 7 TWP: 2S RNG: 3W LOC: 2464 FNL 1210 FWL
QTR/QTR SW/NW COUNTY: DUCHESNE FIELD: ALTAMONT
SURFACE OWNER: Doug Miles & Layne Miles
SPACING: 660 F SECTION LINE 1320 F ANOTHER WELL
INSPECTOR: Brad Hill DATE AND TIME: Aug. 31, 1989 8:30 AM

PARTICIPANTS: Will Luna & Danny Laman-Pennzoil; Doug Miles & Layne Miles-Landowners; T.A. Roe-Forwest Drilling; Bart Bennion, Glen Durfey, Fred Chavez & Sonny Van-B.I.A.

REGIONAL SETTING/TOPOGRAPHY: Central Uinta Basin, flat lying terrace top.

LAND USE:

CURRENT SURFACE USE: Agricultural

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed approximately 380'X 390'. The existing road will be used for access.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Field corn is on the western 1/3 of the site with the eastern 2/3 being covered by pasture grass.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy-silt

SURFACE FORMATION & CHARACTERISTICS: Quaternary alluvium overlying Duchesne River Formation.

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation was observed. Area is stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River-5867', Wasatch-11064'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Mostly onsite materials will be used, a small amount of fill may need to be hauled in.

SITE RECLAMATION: Reclamation is to be carried out as per landowner instructions.

RESERVE PIT

CHARACTERISTICS: An irregularly shaped reserve pit will be constructed (see application).

LINING: The pit will be lined with at least a 12 mil synthetic liner as agreed upon at the presite.

MUD PROGRAM: Surface hole to be drilled with fresh water. The productive interval will be mudded up with a low solids, non-dispersed drilling fluid as needed.

DRILLING WATER SUPPLY: To be determined.

OTHER OBSERVATIONS

The landowner was not satisfied that Pennzoil had dealt with him as much as they might have concerning the location. The B.I.A. was concerned about one of their irrigation ditches which is located on the pad site.

STIPULATIONS FOR APD APPROVAL

The pit is to be lined with a synthetic liner.

We should probably check with the landowner and the B.I.A. prior to approval to make sure they all have their problems ironed out.

ATTACHMENTS

Site sketch

Photographs will be placed on file.

PASTURE

↑
N

RESERVE
PIT

FIELD

CORN

FENCE

BIA IRRIGATION
DITCH

FENCE

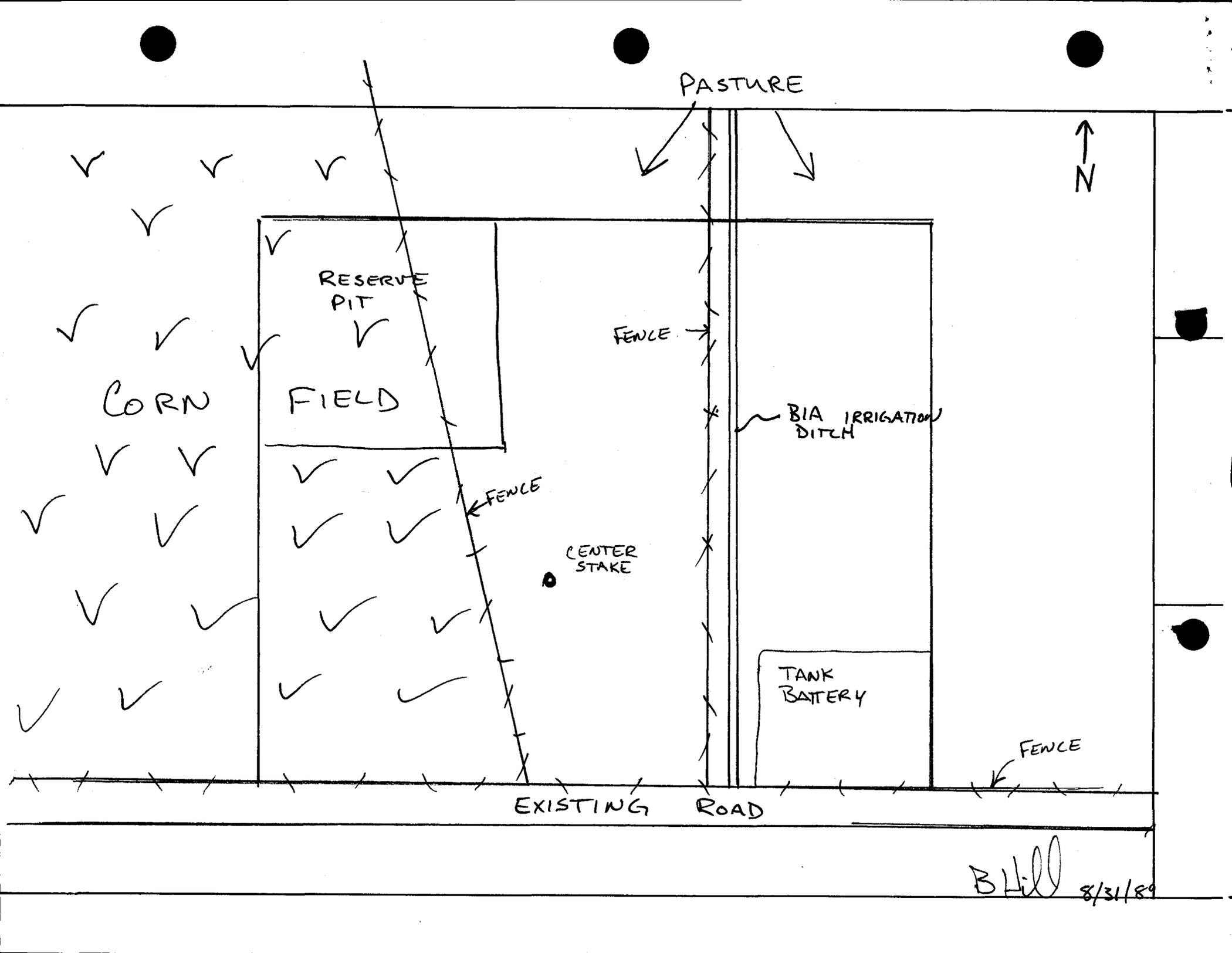
CENTER
STAKE

TANK
BATTERY

FENCE

EXISTING ROAD

Bill 8/31/89



CONFIDENTIAL

OPERATOR Pennzoil Explor. & Prod. Co. (N2885) DATE 9-5-89

WELL NAME miles 7-7B3

SEC S10NW 7 T 2S R 3W COUNTY Duchesne

43-013-31245
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

(statewide)

BOND

NEAREST WELL

LEASE

FIELD
(USM)

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Cause No. 139-42.
Need Water Permit / Received 9-11-89 Carry Leasing 43-10168 / TL64196
9-5-89 Presite Brad Hill / Received 9-6-89. (see stipulations)
Footages being changed from 2464' FNL, 1210' FNL / Received
9-14-89.

APPROVAL LETTER:

SPACING: R615-2-3 N/A R615-3-2
UNIT

139-42 4-17-85 R615-3-3
CAUSE NO. & DATE

STIPULATIONS:

1. Fee Land Stipulation
2. Water Permit
3. The reserve pit shall be lined with a synthetic liner of at least 12 mil thickness as agreed upon at the predrill site inspection.

CONFIDENTIAL
PERIOD
EXPIRED
ON 7-8-91



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

September 21, 1989

Pennzoil Exploration & Prod. Co.
P. O. Box 290
Neola, Utah 84053

Gentlemen:

Re: Miles 7-7B3 - SW NW Sec. 7, T. 2S, R. 3W - Duchesne County, Utah
2449' FNL, 1210' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Pennzoil, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
3. The reserve pit shall be lined with a synthetic liner of at least 12 mil thickness as agreed upon at the predrill site inspection.

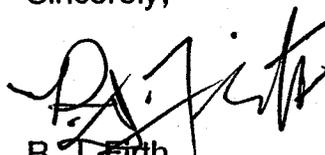
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.

4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31245.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/3-4

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION API NO. 43-013-31245

NAME OF COMPANY: PENNZOIL EXPLORATION & PRODUCTION COMPANY

WELL NAME: MILES 7-7B3

SECTION SWNW 7 TOWNSHIP 2S RANGE 3W COUNTY DUCHESNE

DRILLING CONTRACTOR FORWEST

RIG # 6

SPUDDED: DATE 9/24/89

TIME 4:00 p.m.

HOW MARTIN RATHOLE

DRILLING WILL COMMENCE 10-15 OCT. 89

REPORTED BY W. LUNA

TELEPHONE # 801-353-4397

DATE 9/26/89 SIGNED TAS TAKEN BY: GG

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR Pennzoil Exploration + Prod. Co. OPERATOR ACCT. NO. N2885
 ADDRESS P.O. Box 2967
Houston, Tx. 77252-2967

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	11025	4301331245	MILES 7-703	SWNW	7	25	3W	Duchesne	09/24/89	09/24/89
WELL 1 COMMENTS: Fee-Lease Proposed Zone-WSTC Field-Altamont (Assign new entity 11025 on 10-12-89) for Unit- N/A											
WELL 2 COMMENTS:											
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)

RECEIVED
 OCT 10 1989

DIVISION OF
 OIL, GAS & MINING

Elizabeth O. Gray
 Signature
Accountant
 Title
10/9/89
 Date
 Phone No. 713, 546-6969

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

5. LEASE DESIGNATION AND SERIAL NO.

Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Miles

9. WELL NO.

7-7B3

10. FIELD AND POOL, OR WILDCAT

Altamont/Wasatch

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA

SNNW

Sec. 7, T2S, R3W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
PENNZOIL Exploration & Production Company

3. ADDRESS OF OPERATOR
P.O. Box 290 Neola, Utah 84053

OCT 16 1989
DIVISION OF
OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2449' FNL & 1210' FWL

14. API NUMBER
43-013-31245

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6145' (ungraded)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

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4000', 9 5/8", 40#, HC80, ST&C on bottom
(HC80 is German pipe equal to A.O. Smith S-80)

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

SIGNED Wilburn L. Luna TITLE Drilling Superintendent

DATE 10/13/89

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 10-20-89

SIGNED: John R. Bay

*See Instructions on Reverse Side

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353 - 4397

RECEIVED
OCT 16 1989

Division of
OIL, GAS & MINING

October 13, 1989

State of Utah, Dept. of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT. 84180-1203

Re: Report on Change in Plans
Miles No. 7-7B3
SWNW Section 7, T2S, R3W
Duchesne County, Utah
API No. 43-013-31245

Gentlemen:

Enclosed, please find the original and three (3) copies of your Form 5 "SUNDRY NOTICES & REPORTS ON WELLS" for captioned well. Please return the "SUNDRY NOTICES & REPORTS ON WELLS" dated October 2, 1989.

Should there be any questions, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Exploration & Production Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

WLL/jm



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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug wells. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
OCT 16 1989
DIVISION OF OIL, GAS, AND MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee Land																				
2. NAME OF OPERATOR PENNZOIL Exploration & Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																				
3. ADDRESS OF OPERATOR P.O. Box 290 Neola, Utah 84053		UNIT AGREEMENT NAME																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2449' FNL & 1210' FWL		FARM OR LEASE NAME																				
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		12. COUNTY OR PARISH Duchesne																				
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(HC80 is German pipe equal to A.O. Smith S-80)

18. I hereby certify that the foregoing is true and correct
SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE 10/13/89
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR PENNZOIL Exploration & Production Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 290 Neola, Utah 84053</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2449' FNL & 1210' FWL</p> <p>14. API NUMBER 43-013-31245</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee Land</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>Miles</p> <p>9. WELL NO. 7-7B3</p> <p>10. FIELD AND POOL, OR WILDCAT Altamont/Wasatch</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SNNW Sec. 7, T2S, R3W</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6145' (ungraded)</p>		

OCT 16 1989

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
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(HC80 is German pipe equal to A.O. Smith S-80)

18. I hereby certify that the foregoing is true and correct
SIGNED Wilburn L. Luna *Wilburn L. Luna* TITLE Drilling Superintendent DATE 10/13/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

copy

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: PENNZOIL EXPLORATION + PRODUCTION

WELLNAME: MILES 7-7B3 API# A3-013-31245

SECTION: 7 TWP: 2S RANGE: 3W

INSPECTOR: GARY GARNER TIME: 12:00 PM DATE: 10/12/89

REPRESENTATIVE: DANNY LANAN PUSHER: TIM ROWE

OPERATIONS: RAISING THE DERRICK

SPUD DATE: 10/13/89 DEPTH: _____

DRILLING AND COMPLETIONS:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> SANITATION
<input type="checkbox"/> BOPE	<input type="checkbox"/> BLOOIE LINE	<input type="checkbox"/> H2S
<input type="checkbox"/> VENTED/FLARED	<input type="checkbox"/> RESERVE PIT	<input type="checkbox"/> FLARE PIT
<input type="checkbox"/> BURN PIT	<input type="checkbox"/> HOUSEKEEPING	

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: SURFACE PLATE

RECLAMATION:

CONTOUR RIP REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Peunzoil Exploration

WELLNAME: Miles 7-7B3 API# 43-013-31245

SECTION: 7 TWP: 25 RANGE: 3W

INSPECTOR: GARY GARNER TIME: 12:30AM DATE: 10/23/89

REPRESENTATIVE: W.M. Smith (Smithy) PUSHER: John Arndt.

OPERATIONS: Rigging up casing crew to run surface.

SPUD DATE: 10/15/89 DEPTH: 5537

DRILLING AND COMPLETIONS:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> APD | <input checked="" type="checkbox"/> WELL SIGN | <input checked="" type="checkbox"/> SANITATION |
| <input type="checkbox"/> N/A BOPE | <input checked="" type="checkbox"/> BLOOIE LINE | <input type="checkbox"/> H2S |
| <input checked="" type="checkbox"/> VENTED/FLARED | <input checked="" type="checkbox"/> RESERVE PIT | <input checked="" type="checkbox"/> FLARE PIT |
| <input type="checkbox"/> BURN PIT | <input checked="" type="checkbox"/> HOUSEKEEPING | |

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

COMPANY NAME: Pennzoil Exploration

WELL NAME: Miles 7-7B3

QTR/QTR _____ SECTION 7 TOWNSHIP 2S RANGE 3W

CEMENTING COMPANY: Halliburton WELL SIGN

INSPECTOR: GARY GARNER DATE: 10/23/89

CEMENTING OPERATIONS:

PLUGBACK: _____ SQUEEZE: _____ CASING: P-A ZONE: _____

SURFACE CASING: INTERMEDIATE _____ PROD CASING: _____

PERFORATIONS _____ SQUEEZE PRESSURE _____

CASING INFORMATION:

SIZE 9 5/8 GRADE: 40# HC-80 HOLE SIZE: 12 1/4 DEPTH: 5537

SLURRY INFORMATION:

1. CLASS: 6-660 sks Howco Lite, 10% Calseal, 10% Gilsonite, 1/4# Flocc
1. LEAD: # 12.05 TAIL: _____

2. SLURRY WEIGHT: 800 sks Howco Lite, 10% Calseal, 1/4# Flocc
2. LEAD: # 12.4 TAIL: _____

3. WATER (GAL/SK) 210 sks Premium AG 250, 2% CaCl
Tail LEAD: # 16.4 TAIL: _____

4. COMPRESSIVE STRENGTH
PSI @ _____ HR _____

PIPE CENTRALIZED CEMENTING STAGES 1

LOST RETURNS REGAIN RETURNS NO BARRELS LOST ?

TOP OF CEMENT 1" to surface PERF INTERVAL _____

CEMENT TO SURFACE? yes

ADDITIONAL COMMENTS: lost circulation while displacing cmt. 1"
cmt to surface - dropped 28' - used redmix for final at the
top.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: Pennzoil REPRESENTATIVE: W.M. Smith

WELL NAME: Miles 7-7B3 API# 43-013-31245

QTR/QTR _____ SECTION 7 WELLSIGN TWP 2S RANGE 3W

INSPECTOR: GARY GARNER DATE: 10/25/89

DRILLING CONTRACTOR Horwest #6 RIG # _____

RIG OPERATIONS: Testing BOPE after surface casing

DEPTH 5537 LAST CASING surface @ 5537

TEST BY Double Jack WATER MUD _____

PRESSURE RATING OF STACK 5000# H2S RATED _____

TEST PRESSURES 5000 / 15min KELLYCOCK: UPPER _____ LOWER _____

INSIDE BOP _____ FULL OPENING VALVE ON FLOOR

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. Annular
2. upper pipe rams
3. blind rams
4. lower pipe rams
5. choke - drilling spool
6. casing head flange.

ADDITIONAL COMMENTS: Test all but annular to 5000# for 15mins, Test annular to 2500#

REPORTED BY: W.M. Smith PHONE: 454-3350

DATE: 10/25/89 SIGNED: Gary Garner

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: PENNZOIL EXPLORATION

WELLNAME: MILES 7-7B3 API# 43-013-31245

SECTION: 7 TWP: 2S RANGE: 3W

INSPECTOR: GARY GARNER TIME: 11AM DATE: 11/8/89

REPRESENTATIVE: NOEL RUTSCHER PUSHER: #348

OPERATIONS: DRILLING

SPUD DATE: _____ DEPTH: 11348

DRILLING AND COMPLETIONS:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> APD | <input checked="" type="checkbox"/> WELL SIGN | <input checked="" type="checkbox"/> SANITATION |
| <input checked="" type="checkbox"/> BOPE | <input checked="" type="checkbox"/> BLOOIE LINE | _____ H2S |
| <input checked="" type="checkbox"/> VENTED/FLARED | <input checked="" type="checkbox"/> RESERVE PIT | <input checked="" type="checkbox"/> FLARE PIT |
| _____ BURN PIT | <input checked="" type="checkbox"/> HOUSEKEEPING | |

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

COMPANY: PENNZOIL EXPLORATION REPRESENTATIVE: NOEL PUTSCHER

WELL NAME: MILES 7-7B3 API# 43-013-31245

QTR/QTR _____ SECTION 7 WELLSIGN TWP ZS RANGE 3W

INSPECTOR: GARY GARNER DATE: 11/26 - 11/27/89

DRILLING CONTRACTOR FORWEST RIG #6 RIG # _____

RIG OPERATIONS: TESTING BOP AFTER INTERMEDIATE CASING

DEPTH _____ LAST CASING INTERMEDIATE @ _____

TEST BY DOUBLE JACK WATER MUD _____

PRESSURE RATING OF STACK 5000[#] H2S RATED _____

TEST PRESSURES 5000[#] / 15MIN KELLYCOCK: UPPER 5000[#] LOWER 5000[#]

INSIDE BOP 5000[#] FULL OPENING VALVE ON FLOOR

WRENCH FOR FULL OPENING VALVE/KELLYCOCK ON FLOOR

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. ANNULAR
2. UPPER PIPE RAMS
3. BLIND RAMS
4. LOWER PIPE RAMS
5. CHOKE LINE
6. CASING HEAD FLANGE

ADDITIONAL COMMENTS: TEST ALL BUT ANNULAR TO 5000[#]

EVERYTHING TESTED OK - NO LEAKS.

REPORTED BY: NOEL PUTSCHER PHONE: 45A-3350

DATE: 11/27/89 SIGNED: Gary Garner

(IF TESTED BY INDEPENDENT COMPANY, ATTACH COPY OF TEST)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: PENNZOIL EXPL

WELLNAME: MILES 7-783 API# 43-013-31245

SECTION: 7 TWP: 2S RANGE: 3W

INSPECTOR: GARY GARNER / CHRIS KIERS TIME: 2:06PM DATE: 12/18/89

REPRESENTATIVE: NOEL PUTSCHER PUSHER: JOHN ARNDT

OPERATIONS: TRIPPING FOR NEW BIT

SPUD DATE: _____ DEPTH: 12,904

DRILLING AND COMPLETIONS:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> APD | <input checked="" type="checkbox"/> WELL SIGN | <input checked="" type="checkbox"/> SANITATION |
| <input checked="" type="checkbox"/> BOPE | <input checked="" type="checkbox"/> BLOOIE LINE | <input type="checkbox"/> H2S |
| <input checked="" type="checkbox"/> VENTED/FLARED | <input checked="" type="checkbox"/> RESERVE PIT | <input checked="" type="checkbox"/> FLARE PIT |
| <input type="checkbox"/> BURN PIT | <input checked="" type="checkbox"/> HOUSEKEEPING | |

PLUGGING AND ABANDONMENTS:

PLUG TYPE	INTERVAL
_____	_____
_____	_____
_____	_____

PLUGS TESTED: _____ HOW _____ WOC _____

MARKER: _____ SURFACE _____ PLATE

RECLAMATION:

_____ CONTOUR _____ RIP _____ REHAB

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS:

APPROVED BY _____ HOW _____ DATE _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
BOPE TEST INSPECTION FORM

JAN 02 1990

COMPANY: PENNZOIL _____ REPRESENTATIVE: JACK PARROTT _____

WELL NAME: MILES 7-7 B3 _____ API NO.: 4301331245 _____

QTR/QTR: SWNW _____ SECTION: 07 _____ WELL SIGN: Y _____ TWP: 2 S _____ RANGE: 3 W _____

INSPECTOR: CAROL KUBLY _____ DATE: 12/27/89 _____

DRILLING CONTRACTOR: FORWEST DRILLING CO. _____ RIG #: 6 _____

RIG OPERATIONS: 30 DAY BOP TEST - 3 DAYS LEFT TO T.D. _____

DEPTH: 13,700' _____ LAST CASING: 7" LINER _____ AT: 11,679' _____

TEST BY: DOUBLE JACK _____ WATER: AND METHANOL _____ MUD: _____

PRESSURE RATING OF STACK: 5000 # _____ H2S RATED: YES _____

TEST PRESSURES: 5000# / _____ KELLYCOCK: UPPER YES _____ LOWER YES _____

INSIDE BOPE: YES _____ FULL OPENING VALVE ON FLOOR: YES _____

WRENCH FOR FULL OPENING VALVE / KELLYCOCK ON FLOOR: YES _____

STACK - LISTED AS ARRANGED - TOP TO BOTTOM:

1. ROTATING HEAD _____
2. HYDRIL _____
3. DOUBLE - BLIND AND PIPE _____
4. PIPE RAMS _____
5. MUD CROSS _____
6. SPOOL _____

ADDITIONAL COMMENTS: TESTED INSIDE AND OUTSIDE CHOKE MANIFOLDS, SUPER
CHOKE, UPPER AND LOWER KELLY COCK, BLIND AND PIPE RAMS TO 5000# FOR 10 MIN
TESTED HYDRIL TO 2500# FOR 10 MINUTES _____

REPORTED BY: JACK PARROTT _____ PHONE: 454-3350 _____

DATE: 12/28/89 _____ SIGNED: _____

February 9, 1990

To: Utah Oil, Gas, & Mining
355 West North Temple
Suite 350
Salt Lake City, UT 84180

RECEIVED
FEB 14 1990

From: Margie Pierce
EDWARD ENGINEERING
888 South Lipan
Denver, CO 80223

DIVISION OF
OIL, GAS & MINING

Re: Transmittal of Geological Report
Pennzoil Company
Miles 7-7B3
Bluebell-Altamont Field
Duchesne Co., Utah
43-013-31245

I have enclosed a copy of the geological report for the Pennzoil Miles 7-7B3, located in Section 7, T2S, R3W, of Duchesne Co., Utah for your information. If you have any questions please do not hesitate to contact me at one of these phone numbers:

303-936-3423 Denver Office
303-466-6277 Home

Sincerely,

Marjorie A. Pierce

Marjorie A. Pierce

OIL & GAS	
BRN	101
JTS	101
DTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

PENNZOIL COMPANY

Miles 7-7B3

NW/4 Section 7, T2S, R3W
Bluebell - Altamont Field
Duchesne Co., Utah

EDWARD ENGINEERING
Marjorie A. Pierce
Geological Engineer

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- X. Drilltime Log

WELL SUMMARY - MILES 7-7B3

OPERATOR: Pennzoil Company

LEASE: Miles 7-7B3

LOCATION: Field: Bluebell-Altamont Field
Legal: NW/4 Section 7, T2S, R3W
2449' FNL, 1210' FWL
County: Duchesne County, Utah

ELEVATION: Ground Level: 6148' Kelly Bushing: 6176'

SPUD DATE: 13 October 1989

CFASE DRILLING: 24 December 1989

TOTAL DEPTH: 13,700' Driller
13,699' Steel Line Measure
13,706' Logger
13,700' Final Total Depth

CASING PROGRAM: 9 5/8" Surface Casing set at 5537'
7" Intermediate Casing set at 11,682'
5" Production Liner set at 13,700'

MUD PROGRAM: Mud Company: M-I Drilling Fluids Co.
Mud Engineer: Phil McClure, Kenny Bascom
Mud Type: Gel-Lime: surface - 284'
Water: 284' - 5532'
LSND : 5532'
Water: 5532' - 10,600'
LSND : 10,600' - 10,855'
Poly Plus G: 10,855' - 13,700'

SAMPLE PROGRAM: Caught: 30' surface - 5,000'
10' 5,000' - 13,700'
Examined: 5,000' - 13,700' by mudloggers verified
by wellsite geologist
Mudlogging: Datalog/Western
24 hour - 2 man unit 5000'-11,230'
12 hour - 1 man unit 11,230'-13,700'
FID total gas detection
FID Chromatography
Mudloggers: Larry Gunther, Tom Skinner

CONTRACTOR: Forwest Rig No. 6
Toolpushers: Tim Roe, John Arndt
Drillers: Jeff Duncan, J.D. Foreman,
Tom Myron, Dwain Peay

ELECTRIC LOGGING: Halliburton Logging Services
Run 1: Engineer: John Chapman, Brad Laney,
Rod Weathermon
Log Types: Dual Induction Shortguard
5532'- 11,661'
Gamma Ray
surface- 11,661'
Full Wave Sonic
5532'- 11,691'
Four Arm Caliper Log
5532'- 11,679'
High Resolution Temperature
5532'- 11,661'

Run 2: Engineer: Randy Friday, Brad Laney
Log Types: High Resolution Induction
11,620'- 13,696'
Gamma Ray
11,620'- 13,696'
Full Wave Sonic
11,694'- 13,692'
Four Arm Caliper Log
11,694'- 13,692'

WELLSITE SUPERVISOR: Danny Laman, W.M. Smith -"Smitty",
Noel Putscher, Bill Ryan, Jack Parrot

WELLSITE GEOLOGIST: Marjorie A. Pierce

GEOLOGIC SUMMARY - MILES 7-7B3

The Pennzoil Company Miles 7-7B3 was drilled as a Wasatch test in the NW/4 of Section 7, T2S, R3W of Duchesne County, Utah. The Miles 7-7B3 was drilled to a total depth of 13,700 feet. The well penetrated 100 feet below the top of the Three Fingered Lime and 115 feet below show #28 at 13,585 feet, the last show encountered in the Miles 7-7B3. The Miles 7-7B3 well is surrounded by Wasatch and Green River producers.

The Miles 7-7B3 penetrated 5,062 feet of the Uinta and Duchesne formations, followed by approximately 6,538 feet of Green River formation, and 2,100 feet into the Wasatch formation before reaching a total depth of 13,700 feet. No water flows were encountered at the Miles 7-7B3 location while drilling through the Uinta and Duchesne formations. The well was drilled to the surface casing point of 5532 feet with water. The surface casing was set and cemented at 5537 feet according to the casing tally, 475 feet below the top of the Green River formation and 45 feet below the first indicated Green River show. The hydrocarbon bearing intervals in the Bluebell-Altamont Field include the Green River and Wasatch formations which are both Tertiary in age. These formations represent a period of sedimentation dominated by a lacustrine type environment.

The Green River formation is comprised of lake type deposits including varved shales, marlstones, carbonates, and occasional sand. The "H", also referred to as the Douglas Creek member of the Green River, and "HI" intervals appear to be good time lines for correlation purposes. These two intervals consist of fractured carbonates and dark gray-black shales indicating a time when most of the basin was submerged by the lake waters. The Green River has been subdivided into three stages for completion purposes which may be altered at the operator's discretion: Stage V (5,062'-6,914'), the Upper Green River littoral facies with 282 feet of potential pay; Stage IV (6,914'-9,264'), the Upper Green River, separated from the littoral facies by the Trona I, with 635 feet of potential pay; and Stage III (9,264'-11,600'), the Lower Green River lacustrine facies with 552 feet of potential pay. Stages III, IV, and V are all normally pressured and a total of 1,469 feet or 23% of the Green River formation may be potentially productive. The Green River formation was drilled with water to a depth of 10,500 feet before switching the system to mud. The Green River shows in the Miles 7-7B3 appear to be excellent in comparison to other recently drilled Green River sequences. Dark brown oil was first observed with show #1 (6,040'-6,049') and its presence continued until intermediate casing was set at a depth of 11,682 feet. Yellow-brown oil was encountered in the lower Green River CP70 member with show #14 (11,090'-11,102') and continued through show #19 (11,555'-11,560') to the top of the Wasatch formation at 11,600 feet. Lost circulation problems also began

in the lower Green River CP70 member at a depth of 10,855 feet. The lower Green River appeared to be extremely fractured at this location as evidenced by the samples and the severe lost circulation problems. Approximately, 12,107 barrels of mud were lost in the Green River prior to cementing the 7" intermediate casing at 11,682 feet.

The Wasatch formation was deposited when an influx of sediments from the Wasatch mountain range encroached the basin. Generally, this was a transitional type deposit dominated by red beds followed by a return to a more euxinic lacustrine environment, but at this location on the south end of the basin no red beds were deposited. The transitional deposits are predominantly green shales in this area. The second transitional red wedge which is sometimes encountered in the basin was not penetrated by the Miles 7-7B3, drilling ceased at a depth of 13,700 feet in the lacustrine facies of the Wasatch formation. The Wasatch formation penetrated in the Miles 7-7B3 from a depth of 11,600 feet to a depth of 12,180 feet was normally pressured. The first occurrence of abnormal pressure was encountered with show #23 (12,180') where it was necessary to increase the mud weight from 11.8 lbs./gal. to 12.5 lbs./gal. The well reached total depth of 13,700 feet with a maximum mud weight of 13.9 lbs./gal. For completion purposes, the Wasatch formation has been divided into two stages, relative to the different pressure regimes encountered within the Wasatch interval; Stage II (11,600'-12,180'), the normally pressured Upper Wasatch, has 166 feet of potential pay; and Stage I (12,180'-13,700'), the abnormally pressured Lower Wasatch lacustrine facies has 296 feet of potential pay. The Wasatch formation has a total of 462 feet of potential pay or 22% of total Wasatch section penetrated by the Miles 7-7B3. Potential production from the Wasatch formation at this location is expected to be very good, when compared to other recently drilled Wasatch sequences in the area. A dark brown-yellow oil was observed throughout the normally pressured Wasatch. The occurrence of abnormal pressure at 12,180 feet with show #23 also brought a change in the character of the oil. A light green to green-gray paraffin was observed throughout the drilling of the remainder of the well. The Wasatch formation also appeared to be extremely fractured at this location. The samples exhibited calcite-lined fracture faces with very large well-developed crystals and abundant pyrite also with well-developed crystals. Lost circulation was also a problem while drilling the Wasatch formation. The total mud lost into the Wasatch formation was approximately 4627 barrels. The total cumulative mud lost while drilling the Miles 7-7B3 is estimated at 16,734 barrels. These extreme mud losses should be taken into consideration when this well is completed. Some of the fractures may be plugged off with lost circulation materials.

Summaries of the potential productive intervals recommended for perforation for Stage I, II, III, IV, and V follow the list of electric log tops. Log panels showing these potential

productive intervals were not prepared by the geologist for the Miles 7-7B3 (this service was not requested by Pennzoil for this job). Please refer to the mud log provided by Datalog/Western for a detailed description of the samples which were examined and verified daily by the mudloggers and the geologist.

ELECTRIC LOG TOPS - MILES 7-7B3

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>	<u>Structural Comparison to UTE 6-7B3</u>
Green River	5062	+1114	35' high
Green River/Z	6438	- 262	46' high
Evacuation Creek	6508	- 332	49' high
Trona I	6914	- 738	55' high
Parachute Creek	7798	-1622	31' high
Green River/ Mahogany Bench	7900	-1724	37' high
Green River/DJ	8404	-2228	43' high
Douglas Creek/H	9264	-3088	46' high
Green River/HI	9439	-3263	52' high
Green River/CP 70	10,590	-4414	39' high
Wasatch/ Top of Green Shale	11,600	-5424	
Intermediate Casing	11,682	-5506	
Wasatch/TAP HI	12,180	-6004	
Wasatch/200	12,760	-6584	19' high
Wasatch/215	13,138	-6962	11' high
Wasatch/216	13,290	-7114	7' high
Wasatch/TFL	13,600	-7424	20' high
Total Depth	13,706	-7530	

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILBS 7-7B3

STAGE I - Wasatch Lacustrine Facies, overpressured

E-Log Depth GR on DIL	Mudlog Depth	GR <60 API	RT >30 ohms	Total Gas units	Oil in Mud	Mud Wt. in/out	Sample Fract Show	Show Report	Net Ft. Pay	Quality	Remarks
12,180	12,180	Wasatch - "TAP Hi", top of overpressured interval									
12,176-81	12,176-81	yes	yes	167-7667	yes	12.3/10.7	no	fs	#23	5 v.good	lt. green oil
12,200-06	12,200-06	yes	some	1000-800	no	12.5/11.3	no			6 fair	
12,211-14	12,211-14	yes	yes	750-800	no	12.6/12.5	no			3 good	
12,228-53	12,228-53	some	some	528-2058	yes	12.5/11.8	no	fs,fl	#24	25 v.good	30' flare
12,260-74	12,260-74	some	no	988-2558	yes	12.7/11.7	no	fs,fl	#25	14 v.good	25' flare
12,282-86	12,282-86	yes	yes	1100-1500	yes	12.8/12.4	no			4 good	10' flare
12,324-27	12,324-27	yes	yes	950-1100	some	13.1/13.1	no			3 good	1-5' flare
12,396-400	12,396-400	yes	yes	1800-2000	some	13.1/12.9	no			4 good	1-5' flare
12,413-17	12,413-17	yes	yes	1500-1300	some	13.1/12.9	no	fs		4 fair	1-5' flare
12,422-24	12,422-24	yes	yes	1500-1300	some	13.1/13.1	no			2 fair	1-5' flare
12,437-40	12,437-40	yes	yes	1400-1400	some	13.1/13.1	no	fl		3 fair	1-5' flare
12,450-52	12,450-52	no	yes	1800-2000	some	13.1/13.0	no	fs		2 fair	1-5' flare
12,461-64	12,461-64	yes	yes	2000-2000	some	13.0/13.1	no	fs		3 good	1-5' flare
12,474-78	12,474-78	yes	yes	1400-1600	some	13.0/13.1	no	fs		4 fair	1-5' flare
12,485-93	12,485-93	yes	yes	1700-1700	some	13.1/13.0	no	fs		8 fair	1-5' flare
12,508-18	12,508-18	yes	some	2000-2200	some	13.2/12.9	no	fs		10 good	1-5' flare
12,534-37	12,534-37	yes	yes	1800-2000	some	13.2/13.0	no	fs		3 fair	1-5' flare
12,548-58	12,548-58	some	some	1700-2200	some	13.3/13.1	no	fs		10 fair	1-5' flare
12,574-80	12,574-80	yes	yes	1874-3672	yes	13.3/12.7	no	fs,fl	#26	6 v.good	25' flare
12,588-92	12,588-92	yes	yes	1600-2000	yes	13.5/12.8	no	fs		4 good	1-5' flare
12,609-13	12,609-13	yes	yes	1400-1600	some	13.4/13.2	no	fs		4 fair	1-5' flare
12,642-50	12,642-50	some	some	1400-1500	some	13.6/13.5	no	fs		8 fair	1-3' flare
12,672-82	12,672-82	yes	yes	1300-1600	some	13.6/13.6	no	fs		10 fair	1-3' flare
12,688-91	12,688-91	yes	yes	1200-1500	some	13.6/13.5	no			3 fair	1-3' flare
12,732-45	12,732-45	yes	some	1600-1300	some	13.6/13.4	no			13 fair	1-3' flare
12,754-56	12,754-56	no	yes	1000-1200	some	13.6/13.4	no			2 fair	1-3' flare
12,760	12,760	Wasatch / 200									
12,786-802	12,786-802	yes	some	1302-2708	yes	13.6/13.4	no	fs,fl	#27	16 good	green-gray oil
12,830-40	12,830-40	yes	yes	2300-2600	yes	13.8/13.6	no	fs,fl		10 good	
12,844-46	12,844-46	no	yes	2200-2000	yes	13.8/13.6	no	fs,fl		2 good	
12,850-54	12,850-54	no	yes	2000-2400	yes	13.8/13.6	no	fs		4 good	
12,880-86	12,880-86	yes	yes	1400-1400	yes	13.8/13.5	no	fl		6 fair	
12,908-18	12,908-18	yes	yes	NR	yes	13.8/13.3	no			10 fair	
12,934-37	12,934-37	yes	yes	1500-1500	yes	13.8/13.4	no			3 fair	
12,992-98	12,992-98	yes	yes	1300-1000	yes	13.8/13.3	no	fs		6 fair	
13,048-52	13,048-52	yes	yes	1800-1600	yes	13.8/13.6	no	fs		4 fair	
13,054-56	13,054-56	no	yes	1600-1700	yes	13.8/13.6	no			2 fair	
13,072-74	13,072-74	yes	yes	1800-1800	yes	13.8/13.5	no	fs		2 fair	
13,084-90	13,084-90	yes	yes	1200-1500	yes	13.7/13.4	no			6 fair	
13,126-28	13,126-28	yes	yes	1100-1800	yes	13.7/13.0	no			2 fair	
13,138	13,138	Wasatch / 215									
13,142-46	13,142-46	yes	yes	1100-1500	yes	13.8/13.1	no			4 good	

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE I - Wasatch Lacustrine Facies, overpressured

B-Log Depth GR on DIL	Mudlog Depth	GR <60 API	RT >30 ohms	Total Gas units	Oil in Mud	Mud Wt. in/out	Sample Fract Show	Show Report	Net Ft. Pay	Quality	Remarks
13,162-64	13,162-64	no	yes	1900-1500	yes	13.8/13.2	no		2	fair	
13,254-58	13,254-58	no	yes	300-350	no	13.8/13.4	no	fl	4	fair	
13,265-68	13,265-68	no	yes	350-530	no	13.8/13.5	no	fl	3	fair	
13,290	13,290	Wasatch / 216									
13,294-98	13,294-98	yes	yes	550-650	no	13.8/13.6	no	fl	4	fair	
13,318-24	13,318-24	yes	yes	800-1000	no	13.8/13.5	no	fs	6	fair	
13,366-70	13,366-70	yes	yes	1100-1300	no	13.8/13.5	no	fs,fl	4	fair	
13,390-92	13,390-92	yes	yes	800-820	no	13.8/13.4	no	fl	2	fair	
13,398-400	13,398-400	no	yes	820-980	no	13.8/13.4	no		2	fair	
13,418-21	13,418-21	yes	yes	650-600	no	13.8/13.4	no	fl	3	fair	
13,437-40	13,437-40	yes	yes	400-670	no	13.8/13.4	no		3	fair	
13,512-17	13,512-17	yes	yes	480-550	no	13.8/13.7	no		5	fair	
13,585-98	13,585-98	some	some	678-3194	no	13.8/13.4	no	#28	13	good	
13,600	13,600	Wasatch / Three Fingered Line									
13,602-607	13,602-607	yes	yes	3000-3600	yes	13.9/13.7	no	fs	5	good	dk. gray-grn. oil
STAGE I SUBTOTAL									296		

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE II - Upper Wasatch, normal pressured

E-Log Depth	Mudlog	GR	RT	Total Gas	Oil	Mud Wt.	Sample	Fract	Show	Net	Remarks
GR on DIL	Depth	<60	>30	units	in	in/out	Show	Report	Pay	Pt. Quality	
11,600	11,600	Wasatch - Top of Green Shale									
11,676-704	11,676-704	yes	NL	2000-2600	yes	10.9/10.8	no	fs		28 fair	5-10' flare
11,682	11,682	7" Intermediate Casing									
11,724-30	11,724-30	yes	yes	19-30	no	10.6/10.6	no			6 poor	
11,732-36	11,732-36	yes	yes	30-45	no	10.6/10.6	no	fd		4 poor	
11,739-43	11,739-43	yes	yes	30-65	no	10.6/10.6	no			4 poor	
11,764-78	11,764-78	some	some	120-2658	yes	10.6/10.5	no	fl	#20	14 v.good	dk. brn.-yellow oil
11,787-91	11,787-91	yes	yes	3000-3000	yes	10.6/10.5	no			4 good	5-10' flare
11,794-800	11,794-800	yes	yes	3000-3200	yes	10.6/10.5	no			6 good	5-10' flare
11,804-10	11,804-10	yes	yes	2800-3000	yes	10.6/10.5	no	fs		6 fair	1' flare
11,812-18	11,812-18	yes	yes	2000-2000	yes	10.6/10.5	no	fs		6 fair	1' flare
11,849-52	11,849-52	yes	yes	1100-1500	yes	11.1/11.0	no	fs		3 fair	1' flare
11,892-98	11,892-98	yes	yes	1500-1500	yes	11.1/11.0	no	fl		6 fair	1' flare
11,918-24	11,918-24	yes	yes	2000-650	yes	11.0/10.9	no			6 poor	lost 470 bbls. mud @ 11,914'
11,946-56	11,946-56	yes	yes	550-2556	yes	11.1/10.9	no	fs	#21	10 v.good	dk. yellow oil
11,960-64	11,960-64	yes	yes	2000-2200	yes	11.1/10.9	no			4 fair	10-15' flare
11,974-82	11,974-82	yes	yes	2700-1500	yes	11.4/11.2	no	fl		8 poor	10-15' flare
11,997-004	11,997-004	yes	yes	1500-1300	yes	11.5/11.3	no			7 poor	10-15' flare
12,057-78	12,057-78	no	no	513-1964	yes	11.7/11.4	no	fl	#22	21 good	
12,092-96	12,092-96	yes	yes	450-380	yes	11.8/11.7	no			4 poor	
12,111-16	12,111-16	yes	yes	250-1500	yes	11.8/11.7	no	fs		5 fair	
12,120-24	12,120-24	yes	yes	600-1500	yes	12.0/11.6	no	fl		4 fair	
12,131-33	12,131-33	yes	yes	650-550	no	12.0/11.6	no			2 poor	
12,154-62	12,154-62	yes	yes	150-220	no	12.0/12.0	no			8 fair	
12,180	12,180	Wasatch - "TAP Hi"									

STAGE II SUBTOTAL 166

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE III - Green River Lacustrine, normal pressured (includes "H" & "HI")

B-Log Depth GR on DIL	Mudlog Depth	GE <60 API	RT >30 ohms	Total Gas units	Oil in Mud	Mud Wt. in/out	Sample Fract Show	Show Report	Net Ft. Pay	Quality	Remarks
9264	9264	Green River - Douglas Creek - "H"									
9268-74	9268-74	no	yes	550-675	yes	Drlg.	no		6	poor	
9282-96	9282-96	yes	yes	500-400	yes	w/water	no		14	v. poor	
9302-36	9302-36	yes	yes	480-750	yes		fl		34	poor	
9344-60	9344-60	yes	yes	700-820	yes		fl,fs	#5	16	poor	
9374-78	9374-78	yes	yes	NR	yes		fs		4	poor	
9396-9400	9396-9400	yes	yes	720-780	yes				4	poor	
9439	9439	Green River - "HI"									
9440-54	9440-54	yes	yes	750-550	yes	Drlg.	no		14	poor	
9458-70	9458-70	yes	yes	650-820	yes	w/water	no	fs	12	poor	
9478-84	9478-84	yes	yes	570-740	yes		no		6	poor	
9496-9502	9496-9502	yes	yes	580-700	yes		yes	fs	6	poor	
9526-30	9526-30	yes	yes	600-680	yes		no	fl	4	poor	
9584-96	9584-96	yes	yes	520-680	yes		no	fd,fl	12	poor	
9722-26	9722-26	yes	yes	450-600	yes		no		4	poor	
9730-42	9730-42	some	yes	600-700	yes		no		12	poor	
9808-34	9808-34	some	yes	480-680	yes		no		26	poor	
9850-80	9850-80	yes	yes	470-818	yes		no	fl	#6	30	fair
9890-9908	9890-9908	yes	yes	643-1310	yes		no		#7	18	good
10,100-24	10,100-24	yes	yes	1184-1523	yes		no	fs	#8	24	fair
10,224-30	10,224-30	no	yes	816-1558	yes		yes	fs	#9	6	fair
10,590	10,590	Green River - CP 70									
10,598-614	10,598-614	some	yes	1100-1400	some	8.6/8.6	no	fs	16	poor	
10,622-26	10,622-26	no	yes	830-890	some	8.7/8.7	no		4	poor	
10,680-700	10,680-700	no	no	1500-2569	yes	8.8/8.7	yes	fs,fl	#10	20	good
10,814-68	10,814-68	some	some	3048-6498	yes	8.7/8.7	yes	fs,fl	#11-#12	54	v. good
10,874-84	10,874-84	yes	yes	4700-5300	yes	8.7/8.7	no	fl		10	fair
10,902-14	10,902-14	yes	yes	1900-2500	yes	8.6/8.6	no			12	fair
10,928-46	10,928-46	yes	yes	2600-3300	yes	8.7/8.6	no			18	fair
10,952-58	10,952-58	yes	yes	3200-3400	yes	8.7/8.6	no			6	fair
10,962-78	10,962-78	yes	yes	2800-3400	yes	8.7/8.6	no	fl		16	fair
10,982-88	10,982-88	yes	yes	3700-2700	yes	8.7/8.6	no			6	fair
11,000-06	11,000-06	yes	yes	3200-4000	yes	8.7/8.6	no			6	fair
11,014-20	11,014-20	yes	yes	3700-4300	yes	8.7/8.6	no			6	fair
11,024-48	11,024-48	yes	some	3856-6090	yes	8.9/8.8	no		#13	24	good
11,052-56	11,052-56	yes	yes	5500-3786	yes	8.9/8.8	no	fl	#13	4	fair
11,074-100	11,074-100	some	some	4360-10,664	yes	9.0/8.8	no	fl	#14	26	good
11,120-24	11,120-24	yes	yes	3700-4100	yes	9.0/8.8	no			4	fair
11,128-38	11,128-38	yes	yes	4000-8840	yes	9.6/8.2	yes	fd	#15	10	v. good
11,146-50	11,146-50	yes	yes	4500-4900	yes	9.7/8.0	no			4	good
11,158-64	11,158-64	yes	yes	2914-6002	yes	9.9/8.7	no		#16	6	good
11,180-88	11,180-88	some	no	3852-5240	yes	10.2/8.3	yes	fl	#17	8	fair

lost 220 bbls. mud @ 10,855'

yellow-brown oil

SI & circ. on choke

15' flare

10-15' flare

wash out

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE III - Green River Lacustrine, normal pressured (includes "H" & "HI")

E-Log Depth	Mudlog	GR	RT	Total Gas	Oil	Mud Wt.	Sample Fract	Show	Net	Remarks
GR on DIL	Depth	<60	>30	units	in	in/out	Show	Report	Ft. Quality	
		API	ohms		Mud			Pay		
11,270-82	11,270-82	yes	some	1484-6086	yes	10.8/10.6	no	fs	#18	12 good
11,292-300	11,292-300	yes	yes	NR	yes	10.7/10.6	no		8 fair	lost 770 bbls. mud
11,314-20	11,314-20	yes	yes	1300-2700	yes	10.7/10.6	no	fl	6 fair	@ 11,305'
11,556-64	11,556-64	yes	yes	2438-10,550	yes	10.8/10.5	no	fs	#19	8 v.good gained 41 bbls.
11,586-92	11,586-92	yes	yes	3800-4300	yes	10.8/10.6	no	fs	6 good	10-15' flare
11,600	11,600	Wasatch - Top of Green Shale								
STAGE III SUBTOTAL									552	

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE IV - Upper Green River, below Trona I, normal pressured

E-Log Depth GR on DIL	Mudlog Depth	GR <60 API	RT >30 ohms	Total Gas units	Oil in Mud	Mud Wt. in/out	Sample Fract Show	Fract Show	Show Report	Net Pt. Pay	Quality	Remarks
6914	6914	Green River - Trona I										
7066-88	7066-88	some	no	25-151	yes	Drlg.	yes	fl	#2	22	fair	dk. brown oil
7400-50	7400-50	some	yes	60-484	yes	w/water	yes		#3	50	v.good	dk. brown oil
7458-74	7458-74	no	yes	200-500	yes		no			16	fair	
7652-76	7652-76	yes	no	500-1203	yes		yes	fl	#4	24	good	wash out
7798	7798	Green River - Parachute Creek										
7832-52	7832-52	no	yes	720-1300	yes		no			20	poor	
7900	7900	Green River - Mahogany Bench										
7908-32	7908-32	no	yes	550-720	yes	Drlg.	no			24	poor	
7946-56	7946-56	no	yes	720-900	yes	w/water	no			10	poor	
8036-88	8036-88	no	yes	600-770	yes		no			52	poor	
8248-54	8248-54	yes	yes	700-650	yes		no	fs		6	poor	
8346-90	8346-90	no	yes	750-1100	yes		no	fl		44	poor	
8404	8404	Green River - "DJ"										
8406-14	8406-14	no	yes	750-950	yes	Drlg.	no			8	poor	
8450-68	8450-68	some	yes	750-1300	yes	w/water	no			18	poor	
8484-94	8484-94	yes	no	750-900	yes		no			10	poor	
8572-78	8572-78	yes	yes	650-700	yes		no			6	poor	
8594-8628	8594-8628	yes	yes	650-900	some		no			34	poor	
8658-84	8658-84	some	yes	300-820	no		no			26	fair	
8710-26	8710-26	yes	yes	420-560	yes		some	fs,fl		16	poor	
8732-44	8732-44	some	yes	420-620	yes		no	fs		12	poor	
8758-94	8758-94	yes	yes	450-700	yes		no			36	poor	
8908-14	8908-14	yes	yes	600-650	yes		no	fl		6	poor	
8920-9028	8920-9028	yes	yes	680-820	yes		no			108	poor	
9036-40	9036-40	yes	yes	620-750	yes		no			4	poor	
9044-48	9044-48	yes	yes	800-830	yes		no			4	poor	
9054-64	9054-64	some	yes	600-420	yes		no			10	poor	
9070-76	9070-76	yes	yes	420-500	yes		no			6	poor	
9082-92	9082-92	yes	yes	350-400	yes		no			10	poor	
9100-26	9100-26	some	yes	350-650	yes		no	fs		26	poor	
9137-42	9137-42	yes	yes	550-680	yes		no	fs,fd		5	poor	
9148-54	9148-54	yes	yes	800-850	yes		no	fs,fd		6	poor	
9168-72	9168-72	yes	yes	550-650	yes		no	fs		4	poor	
9184-92	9184-92	yes	yes	680-630	yes		no	fs,fd		8	poor	
9222-26	9222-26	yes	yes	580-770	yes		no			4	poor	
9264	9264	Green River - Douglas Creek - "H"										

STAGE IV SUBTOTAL

635

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

MILES 7-7B3

STAGE V - Upper Green River, littoral, normal pressured

E-Log Depth	Mudlog	GR	RT	Total Gas	Oil	Mud Wt.	Sample Fract	Show	Net	Remarks
GR on DIL	Depth	<60	>30	units	in	in/out	Show	Report	Pt. Quality	
		API	ohms		Mud			Pay		
5062	5062	Top of Green River								
5492-5536	5492-5536	some	NL	0-47	no	8.4/8.8	no		44 fair	mud up to run csg.
5532	5535	9 5/8" Surface Casing								
5576-86	5576-86	yes	some	6-12	no	Drlg. w/	no		10 poor	
5590-5622	5590-5622	some	yes	6-20	no	water	no	fl	32 poor	
5638-44	5638-44	yes	yes	2-6	no		no	fl	6 poor	
5653-74	5653-74	some	yes	4-30	no		no	fl	21 fair	
5688-5708	5688-5708	some	yes	10-25	no		no	fl	20 fair	
5720-46	5720-46	some	yes	8-15	no		no	fl	26 poor	
5798-5806	5798-5806	yes	yes	5-10	no		no		8 poor	
5822-54	5822-54	some	yes	5-32	no		no		32 fair	
5886-5932	5886-5932	some	yes	30-350	no		no		46 good	
5958-66	5958-66	some	yes	60-120	no		no		8 poor	
6028-52	6028-52	some	some	30-210	yes		yes	#1	24 good	dk. brown oil
6068-73	6068-73	yes	some	75-78	yes		no		5 poor	
6438	6438	Green River - "Z"								
6508	6508	Green River - Evacuation Creek								
6914	6914	Green River - Trona I								
STAGE V SUBTOTAL									282	

DRILLING AND LOGGING SUMMARY - MILES 7-7B3

The Miles 7-7B3 was spud on October 13, 1989 and Forwest Rig No.6 started drilling a 12-1/4" hole. A crooked conductor hole caused deviation problems which were remedied by running a 15" bit to ream and open the surface hole to a depth of 286 feet. The drilling of a 12-1/4" hole was then continued. No water flows were encountered while drilling to the surface casing point of 5,532 feet. 9-5/8" surface casing was set and cemented at 5,537 feet and the drilling of a 8-3/4" hole with water resumed. It was not necessary to mud up until a depth of 10,600 feet was reached. Lost circulation became a serious problem in the lower Green River CP70 below a depth of 10,855 feet. The very large fractures encountered beyond that point were undoubtedly the culprit. Various types of lost circulation materials were used in attempts to stop the mud loss, including Magmafiber, cotton seed hulls, mica, cedar fiber, and Liquid Casing with OM Seal. Magmafiber, being acid soluble, was used as much as possible, but nothing seemed to eliminate the losses which amounted to 12,107 barrels prior to cementing the 7" intermediate string of casing. The 7" intermediate casing was set and cemented at a depth of 11,682 feet just below the top of the Wasatch formation at 11,600 feet.

Halliburton Logging Services logged the open hole before intermediate casing was set. The Dual Induction Shortguard with a temperature sub was attempted on the first run in the hole. Bridges were encountered while logging downhole with the temperature tool, the first one at a depth of 5710-19'. The logging tool was able to get through the numerous bridges encountered down to a depth of 8340 feet where the tool was unable to penetrate any further. The DIL was logged out of the hole from 8340 feet to surface casing at 5532 feet and the Gamma Ray was logged back to surface. A trip back in the hole with the bit to clean out the bridges was then started, but the well began flowing after tripping in to a depth of 10,596 feet. The crews continued tripping in the hole to a depth of 11,554 feet with the well flowing. The well was then shut in on the choke and a massive amount of oil was circulated out. The bit was then washed to bottom and the hole was circulated and conditioned and LCM was mixed to help control the severe lost circulation to prepare for a second attempt to run electric logs. The Dual Induction Shortguard with a temperature sub was run back in the hole and hit a bridge at 5895 feet. The tools were pulled out of the hole and a short trip to a depth of 7000 feet was made to clean out the hole again. The High Resolution Temperature Log was then run to T.D. and the Dual Induction Shortguard was completed successfully. The Borehole Televiewer was then attempted, it hit a bridge going in the hole at 7250 feet and was not operating properly so the run was abandoned. While pulling the tool out of the hole the well began flowing. An inside BOP was installed in the drill pipe while tripping back in the hole. After tripping in to a depth of 5504 feet the

well was shut in and the oil was circulated out through the choke. After circulating and conditioning the wellbore, the Full Wave Sonic in combination with the Four Arm Caliper Log was completed successfully. A promotional run of the High Resolution Induction Log (HRI) was executed satisfactorily as the final electric log run prior to setting intermediate casing. After completing the electric logging, which took 7 days, the wellbore was conditioned to begin running the 7" intermediate casing. The entire process of logging, running the 7" casing, and cementing it took a total of 22 days to complete. The severe lost circulation problems and paraffin plugging were to blame for most of the delay in resumption of drilling the Miles 7-7B3 from 11,700 feet to the total depth of 13,700 feet. The 7" intermediate string of casing was finally set & cemented at a depth of 11,682 feet.

The remainder of the hole was drilled with 6 1/8" diamond bits. Abnormal pressure was encountered at a depth of 12,180 feet with show #23 in the Miles 7-7B3. The mud weight was increased from 11.8 lbs./gal. to 12.5 lbs./gal. to stop the flow of light green paraffinic oil. The lost circulation was still a problem after setting intermediate casing, but it was not as severe as it was through the Green River formation, only 4566 barrels of mud were lost while drilling the Wasatch interval. The Miles 7-7B3 was drilled to a total depth of 13,700 feet with a maximum mud weight of 13.9 lbs./gal. The total mud lost during the drilling of the Miles 7-7B3 was estimated at 16,734 barrels. After logging the well at T.D., 5" production casing was set at 13,700 feet.

Halliburton Logging Services logged the open hole after the total depth of 13,700 feet was reached. The Full Wave Sonic in combination with the Four Arm Caliper was run first, followed by the High Resolution Induction Log. All three logs were completed successfully with high quality. Some rough hole was encountered in the Wasatch interval which caused two standoffs to fall off the sonic tool. After the electric logging was completed a trip was made with a wash-over shoe to fish for the rubber standoffs prior to running the 5" production liner. 5" production liner was set and cemented at the total depth of 13,700' with no major problems getting the liner in the ground.

DAILY LOG OF OPERATIONS FOR MILES 7-7B3
(6:00 AM depths)

DATE	DAY	DEPTH	FOOTAGE	OPERATIONS

13-Oct-89		213	0	Spud 10/13/89 @ 6:00 AM MST.
14-Oct-89	1	284	71	Drlg. cement w/ 12 1/4" bit #1; ream 12 1/4" hole w/15" bit #2 due to crooked hole in 16" conductor hole.
15-Oct-89	2	434	150	Ream 15" hole to 286'; trip for bit #3; drlg. 12 1/4" hole w/ bit #3.
16-Oct-89	3	1215	781	Drlg. #3.
17-Oct-89	4	2230	1015	Drlg. #3; trip for bit #4; drlg. #4.
18-Oct-89	5	3273	1043	Drlg. #4.
19-Oct-89	6	3925	652	Drlg. #4.
20-Oct-89	7	4519	594	Drlg. #4.
21-Oct-89	8	4918	399	Drlg. #4; trip for bit #5; ream to bottom; drlg. #5.
22-Oct-89	9	5475	557	Drlg. #5; wiper trip w/ SLM.
23-Oct-89	10	5532	57	Wash & ream 4885' to 5475'; drlg. #5; circ. & cond. for casing; POOH; run 9 5/8" surface csg.
24-Oct-89	11	5532	0	Set & cemented 9 5/8" @ 5537'.
25-Oct-89	12	5537	5	WOC; nipple up BOPs.
26-Oct-89	13	5658	121	Nipple up & test BOPs; TIH w/ bit #6; drill out & test 9 5/8" csg. & formation; begin drlg. 8 3/4" hole w/ bit #6.
27-Oct-89	14	6312	654	Drlg. #6.
28-Oct-89	15	6916	604	Drlg. #6; run leak off test @ 6565'; drlg. #6.
29-Oct-89	16	7535	619	Drlg. #6.
30-Oct-89	17	7967	432	Drlg. #6; trip for bit #7; drlg. #7.
31-Oct-89	18	8550	583	Drlg. #7; install rotating head; drlg. #7.
01-Nov-89	19	9135	585	Drlg. #7.
02-Nov-89	20	9850	715	Drlg. #7.
03-Nov-89	21	10143	293	Drlg. #7; trip for bit #8; inspect BHA; cut drill line; TIH.
04-Nov-89	22	10456	313	TIH; wash to bottom; drlg. #8; trip for hole in pipe; wash to bottom; drlg. #8.
05-Nov-89	23	10785	329	Drlg. #8.
06-Nov-89	24	10954	169	Drlg. #8; trip for hole in pipe; change bit; wash to bottom; drlg. #9; began losing mud from 10,855'; lost 566 bbls. of mud.
07-Nov-89	25	11140	186	Drlg. #9; SI & circ. on choke; raise wt. from 9.0 to 9.4#/gal.; lost 361 bbls. of mud; cum. loss to date 927 bbls. of mud.
08-Nov-89	26	11228	88	Circ. on choke; drlg. #9;

09-Nov-89	27	11228	displace mud system; lost 660 bbls. mud; cum. loss 1587 bbls. 0 Attempt to regain circ.; trip for bit #10; increase mud wt. to 10.6 #/gal.; lost 1938 bbls. of mud; cum. loss 3525 bbls.
10-Nov-89	28	11278	50 TIH & break circ. @ 7000', 7500', & 8000'; TIH to 11,136' & circ. on choke; wash & ream to bottom; drlg. #10; lost 495 bbls. of mud; cum. loss 4020 bbls.
11-Nov-89	29	11402	124 Drlg. #10; lost returns @ 11,308'; regain circ.; drlg. #10; lost returns @ 11,402'; lost 1042 bbls. of mud; cum. loss 5062 bbls.
12-Nov-89	30	11566	164 Drlg. #10; lost 325 bbls. mud to seepage; cum. loss 5387 bbls.
13-Nov-89	31	11633	67 Drlg. #10; trip for bit #11; break circ. @ 5500', 7500', & 9500'; wash thru bridge @ 10,908'; drlg. #11; lost 434 bbls. of mud; cum. loss 5821 bbls.
14-Nov-89	32	11700	67 Drlg. #11; circ. trip gas out on choke; drlg. #11; well flowing, circ. on choke; drlg. #11; lost returns @ 11,664'; drlg. #11; circ. & cond. for logs; POOH; lost 441 bbls. of mud; cum. loss 6262 bbls.
15-Nov-89	33	11700	0 Circ. & cond. for logs; TOOH to run logs; RU HLS; attempt to run DIL could not get below 8320'; logged from 8336' to 5532'; lost 245 bbls. of mud; cum. loss 6507 bbls.
16-Nov-89	34	11700	0 TIH to wash thru bridge; well began to flow while breaking circ. @ 10,596'; TIH to 11,554' w/ well flowing; SI & circ. on choke; wash to bottom; circ. & cond. for logs; lost 351 bbls. of mud; cum. loss 6858 bbls.
17-Nov-89	35	11700	0 Circ. & cond., raise wt. to 11.3 #/gal.; lost returns; mix LCM; TOOH; wipe out tight spot 6549' to 6737'; lost 2050 bbls. of mud; cum. loss 8908 bbls.
18-Nov-89	36	11700	0 TOOH for logs; RU HLS & GIH w/ DIL & temp.; hit bridge @ 5895'; RD & TIH to 7000' to clean out; POOH & RU HLS; pressure test; run temp. log to T.D. & log DIL out.
19-Nov-89	37	11700	0 Finish running DIL to surface csg. @ 5532'; attempt to run Borehole Televiwer; hit bridge @ 7250'; POOH; well flowing; TIH; install

			inside BOP in DP; TIH w/4 stds. DCs & 30 stds. DP; break circ. @ 3014'; TIH to 5504' & break circ.; circ. out oil; PU 13 jts. DP & RIH to T.D.; circ. on choke; circ. & cond. mud; TOOH.
20-Nov-89	38	11700	0 Watch wellbore @ 5400'; TIH to 6446'; POOH to log; run Sonic w/ Fullwaves & 4-arm caliper; run High Resolution Induction log; well flowing; lost 125 bbls. mud; cum. loss 9033 bbls.
21-Nov-89	39	11700	0 RD HLS; TIH to 5500', break circ. @ 3026'; cut drill line; TIH break circ. @ 5541', 7486', & 9502' & pull DP rubbers; circ. & cond. mud to run 7" csg.; LD DP & DCs; lost 74 bbls. of mud; cum. loss 9107 bbls.
22-Nov-89	40	11700	0 RU csg. crew; run 7" csg. @ 5 min. per foot to 1780'; circ. & heat mud to 146 deg.; run 7" csg.; lost 241 bbls. of mud; cum. loss 9348 bbls.
23-Nov-89	41	11700	0 Finish RIH w/7" csg.; wash to 11,688'; circ. & cond. for cement; 7" intermediate csg. set @ 11,682'; lost 214 bbls. of mud; cum. loss 9562 bbls.
24-Nov-89	42	11700	0 circ. & cond. for cement; lost circ.; work stuck pipe & attempt to regain circ.; RU Dialog & run freepoint; RU PLS and run temp. & tracer surveys; pump LCM sweep & attempt to regain circ.; lost 1504 bbls. of mud; cum. loss 11,066 bbls.
25-Nov-89	43	11700	0 Attempt to regain circ. w/o success; RU Dowell & pump cement; RU PLS & run GR unsatisfactorily; WO Schlumberger; lost 1041 bbls. of mud; cum. loss 12,107 bbls.
26-Nov-89	44	11700	0 RU Schlumberger; run GR & temp.; run CET; tool not working below 10,662'; stuck CET in DV tool @ 7869'; open DV tool & attempt to circ.; RU pressure tester; 7" csg. flowing @ 7.1 bbls./hr.
27-Nov-89	45	11700	0 Attempt to circ.; well flowing; set retrievable bridge plug @ 96'; circ. hole w/ 120 deg. 11.2#/gal. mud; ND & cut off; NU; retrieve bridge plug; test BOPs.
28-Nov-89	46	11700	0 Test BOPs; PU 3 1/2" DP.
29-Nov-89	47	11700	0 Circ. 130 deg. mud inside 7" csg. holding 150 psi back pressure;

			attempt to break circ. outside 7" csg.
30-Nov-89	48	11700	0 Circ. hot water thru 3 1/2" DP @ 6282' 198 deg. in & 158 deg. out; well flowing 23 BOPD.
01-Dec-89	49	11700	0 Circ. hot water; TIH cleaning 7" casing.
02-Dec-89	50	11700	0 TIH breaking circ. every 2 stds. from 10,500'; circ.; TOOH; RU Schlumberger to run CET, CBL, & perforate @ 10,010'; pressure up on perfs; PU retainer & TIH to squeeze perfs @ 10,010'.
03-Dec-89	51	11700	0 Squeeze perfs @ 10,010'; TOOH; RU & perf. @ 8280'; circ. down 7" w/ returns up 9 5/8" annulus; TIH w/ retainer; mix pill of Liquid Csg. & OM Seal.
04-Dec-89	52	11700	0 Pump pill; POOH; pump cement thru perfs @ 8280' & under retainer @ 8009'; POOH; WOC; TIH to 7450'; wash & ream cement stringers.
05-Dec-89	53	11700	0 W & R to retainer @ 8009'; press. test to 2000 psi; drill retainer; drill cement to 8250'; test perfs; drill cement & retainer; test perfs @ 10,010'; TIH & drill FC; drill cement & wash to bottom.
06-Dec-89	54	11739	39 Drill cement in open hole; circ.; POOH w/ SLM; TIH w/ bit #14; test csg. seat; drlg. 6 1/8" hole w/ bit #14.
07-Dec-89	55	11819	80 Drlg. #14; trip for bit #15.
08-Dec-89	56	11915	96 TIH w/ 6 1/8" diamond bit #15; wash to bottom; drlg. #15; lost returns @ 11,915'.
09-Dec-89	57	12010	95 Lost circulation @ 11,918'; drlg. #15; lost 617 bbls. of mud; cum. loss 12,724 bbls.
10-Dec-89	58	12095	85 Circ. 10% LCM to stop mud seepage; drlg. #15; lost 899 bbls. of mud; cum. loss 13,623 bbls.
11-Dec-89	59	12160	65 Drlg. #15; spot Liquid Csg. & pressure up; drlg. #15; circ. mud in pits to shake out LCM; drlg. #15; lost 189 bbls. of mud; cum. loss 13,812 bbls.
12-Dec-89	60	12239	79 Drlg. #15; well kicked @ 12,196'; SI & circ. on choke; drlg. #15; circ. on choke & raise wt. to 12.5#/gal.; drlg. #15; lost 407 bbls. of mud; cum. loss 14,219 bbls.
13-Dec-89	61	12360	121 Drlg. #15; lost 865 bbls. of mud; cum. loss 15,084 bbls.
14-Dec-89	62	12499	139 Drlg. #15; lost 198 bbls. of mud;

			cum. loss 15,282 bbls.
15-Dec-89	63	12619	120 Drlg. #15; circ. thru choke, Show #26 @ 12,579; raise mud wt. to 13.5#/gal.; lost 267 bbls. of mud; cum. loss 15,549 bbls.
16-Dec-89	64	12744	125 Drlg. #15; lost 257 bbls. of mud; cum. loss 15,806 bbls.
17-Dec-89	65	12865	121 Drlg. #15; lost 406 bbls. of mud; cum. loss 16,212 bbls.
18-Dec-89	66	12904	39 Drlg. #15; check 7" csg. for leak; lost 243 bbls. of mud; cum. loss 16,455 bbls.
19-Dec-89	67	12915	11 Check 7" csg. for leak; TIH w/ new bit #16; cut drill line; wash & ream to bottom; drlg. #16; lost 208 bbls. of mud; cum. loss 16,663 bbls.
20-Dec-89	68	13106	191 Pull 8 stds. & pump LCM pill; drlg. #16; lost 71 bbls. of mud; cum. loss 16,734 bbls.
21-Dec-89	69	13292	186 Drlg. #16.
22-Dec-89	70	13486	194 Drlg. #16.
23-Dec-89	71	13650	164 Drlg. #16.
24-Dec-89	72	13700	50 Drlg. #16; circ. & cond. for E-logs; short trip & circ.; TOOH w/ SLM.
25-Dec-89	73	13700	0 RU HLS; test lubricator; run sonic w/ fullwaves & 4-arm caliper; run high resolution induction log; RD HLS; TIH w/ wash-over shoe to clean out 2 rubber standoffs left in hole from sonic tool.
26-Dec-89	74	13700	0 Fish for standoffs; circ. & cond. wellbore to run 5" liner.
27-Dec-89	75	13700	0 Circ. & cond. to run 5" liner; RU csg. crew; TIH w/ 5" liner.
28-Dec-89	76	13700	0 Set & cement 5" liner @ 13,695'; w/ top of liner @ 11,515' & top of cement calc. @ 11,415'; WOC.
29-Dec-89	77	13700	0 PU 2 7/8" DP & TIH w/ 6 1/8" bit; TIH to 11,448'; W & R 27' of green cement on top of liner; POOH w/ 6 1/8" bit; PU 4 1/8" bit.
30-Dec-89	78	13700	0 TIH w/ 4 1/8" bit & drill cement; run flow test on 5" liner top; liner top not leaking.
31-Dec-89	79	13700	0 Attempt to run CBL log with HLS; tool failed.
01-Jan-00	80	13700	0 Run CET log with Schlumberger.

Geologist released 12-25-89.
Mudloggers released 12-24-89.
Rig released 1-2-90.

BIT RECORD FOR MILES 7-7B3

BIT NO.	SIZE	MAKE	TYPE	NOZZLES	SERIAL NO.	DEPTH OUT	FBET	HRS.	PT/HR	ACC. HRS.	WOB 1000#	PUMP RPM	SPM 1 - 2	MUD WT.	VIS.
1	12 1/4"	BBBD	Y11J	13-13-13	M44865	284									
2	15"	HTC	OSCIJ	14-14-14	RR	286	2								
Ream & open hole from 12 1/4" to 15" to 286'															
3	12 1/4"	BBBD	Y11J	13-13-13	RR #1	1,262	976	34.5	28.3	34.5	25/30	65	1200	75-75	water
4	12 1/4"	BBBD	HP51A	13-13-B	Y73708	4,621	3359	92.5	36.3	127	35/60	60/70	1900	98-98	water
5	12 1/4"	STC	F2	14-14-14	XH7360	5,532	911	40.5	22.5	167.5	55	70	2100	100-100	water
Set & cement 9 5/8" surface casing															
6	8 3/4"	STC	F3	10-10-9	KFi583	7,572	2040	74.5	27.4	242	45	60	1800	107-	water
7	8 3/4"	SEC	M84F	10-10-11	511025	10,143	2571	97	26.5	339	50	60	1600	107-	water
8	8 3/4"	HTC	ATJ44	10-10-11	J04HA	10,810	667	44	15.2	363	55	60	1650	107-	8.8 32
TOOH for hole in pipe															
9	8 3/4"	HTC	ATJ44	10-10-11	B41HA	11,224	414	42	9.9	425	55	60	1800	105-	9.6 42
Shut well in; circ. thru choke; raise mud wt.															
						11,229	419	42.5	9.9	425.5	50/60	50/60	1900	105-	11.0 53
Lost circulation; mix & pump LCM															
10	8 3/4"	STC	F4	15-15-B	LZ3180	11,631	402	61	6.6	486.5	55	60	1100	90-	10.9 55
11	8 3/4"	HTC	ATJ44	14-15-B	RR #8	11,700	69	9	7.7	495.5	55	60	1000	85-	10.9 47
Run logs; Set & cement 7" intermediate casing															
12	6 1/8"	STC	F3	11-11-10	KF3900	11,816	116	29.5	3.9	525	28	40	2500	67-	10.9 46
13	6 1/8"	BC	D331	.35	0115733	12,904	1088	215	5.1	740	18/25	90/105	3000	57-	13.8 50
14	6 1/8"	BC	D331	.35	015774	13,700	796	100	8.0	840	14/18	100	2900	55-	13.9 58
T.D.; Run logs; Set & cement 5" liner															

MUD RECORD FOR MILES 7-7B3

DATE	DEPTH	MUD WEIGHT	VIS.	LOSS	PV	YP	GBLS	SOLIDS	OIL/WATER	pH	Cl	Ca	DAILY COST	CUMULATIVE COST
13-Oct-89	284	8.7	38							9.5	200	tr	\$2,407	\$2,407
14-Oct-89	284	8.7	38							10.0	200	tr	\$324	\$2,731
15-Oct-89	871	8.4	26							7.0	550	180	\$78	\$2,809
16-Oct-89	1,710	8.4	26							7.0	550	40	\$257	\$3,066
17-Oct-89	2,802	8.4	26					0.5	0/99.5	7.5	375	40	\$958	\$4,024
18-Oct-89	3,593	8.4	26					0.5	0/99.5	11.5	2,000	240	\$1,293	\$5,317
19-Oct-89	4,202	8.4	26					0.4	0/99.6	11.1	3,000	180	\$314	\$5,631
20-Oct-89	4,625	8.4	26					0.5	0/99.5	11.0	3,100	200	\$280	\$5,911
21-Oct-89	5,237	8.4	26					0.5	0/99.5	11.5	1,800	380	\$659	\$6,570
22-Oct-89	5,532	8.8	31	N/C	3	10	4/6	3.4	0/96.6	10.5	3,200	160	\$3,280	\$9,850
23-Oct-89	5,532	8.7	33	22.0	6	10	4/10	2.6	0/97.4	10.0	2,800	140	\$1,884	\$11,734
24-Oct-89	5,532	8.4	26	N/C				0.5	0/99.5	10.5	2,600	160	\$0	\$11,734
25-Oct-89	5,532	8.4	26	N/C					0/100	11.5	2,500	700	\$684	\$12,418
26-Oct-89	5,807	8.3	26	N/C					0/100	11.5	2,500	600	\$120	\$14,797
27-Oct-89	6,532	8.3	26	N/C					0/100	11.0	1,300	80	\$265	\$15,062
28-Oct-89	6,910	8.4	26	N/C				0.3	0/99.7	11.5	7,500	160	\$448	\$15,510
29-Oct-89				No Report									\$0	\$15,510
30-Oct-89	8,080	8.4	26	N/C				0.3	0/99.7	11.0	7,500	80	\$725	\$16,235
31-Oct-89				No Report									\$0	\$16,235
01-Nov-89	9,280	8.4	26	N/C				0.3	0/99.7	11.5	7,500	200	\$139	\$16,374
02-Nov-89	10,080	8.4	26	N/C				0.2	0/99.8	11.5	8,000	160	\$1,587	\$17,961
03-Nov-89	10,204	8.4	27	N/C				0.2	0/99.8	11.0	8,000	80	\$0	\$17,961
04-Nov-89	10,679	8.8	32	N/C	5	5	2/5	3.1	tr/96.9	9.0	6,800	120	\$860	\$18,821
05-Nov-89	10,822	8.7	34	N/C	5	6	2/5	2.2	4/94.8	9.0	6,800	120	\$654	\$19,475
06-Nov-89	11,094	8.9	40	19.0	8	9	4/10	4.5	3/92.5	9.3	6,000	80	\$4,193	\$23,668
07-Nov-89	11,224	11.1	44	9.8	16	18	3/12	10.0	3/87.0	8.5	4,000	80	\$13,918	\$37,586
08-Nov-89	11,229	11.1	44	12.0	15	7	2/9	10.0	3/87.0	8.5	5,200	60	\$14,943	\$52,529
09-Nov-89	11,229	10.8	40	12.2	10	5	2/7	8.0	2/90.0	9.0	4,000	60	\$5,697	\$58,226
10-Nov-89	11,330	10.7	40	13.8	16	9	3/10	10.0	tr/90.0	9.0	5,200	40	\$13,208	\$71,434
11-Nov-89	11,495	10.4	46	14.0	16	10	4/11	9.0	tr/91.0	9.5	5,000	80	\$9,685	\$81,119
12-Nov-89	11,631	10.8	40	10.8	17	6	2/6	12.0	1/87.0	9.3	5,100	80	\$15,290	\$96,409
13-Nov-89	11,700	10.8	40	13.2	17	6	2/5	13.0	1.5/85.5	9.0	4,900	120	\$16,154	\$112,563
14-Nov-89	11,700	10.9	46	11.8	16	9	2/7	13.0	2/85.0	9.0	5,200	100	\$6,254	\$118,817
15-Nov-89	11,700	11.0	40	10.8	16	6	2/5	15.0	2/83.0	8.8	4,800	80	\$4,238	\$123,055
16-Nov-89	11,700	11.2	50	12.2	19	9	2/6	16.0	2/82.0	9.0	3,000	40	\$17,764	\$140,819
17-Nov-89	11,700	11.2	50	11.4	19	13	3/10	10.0	tr/90.0	10.0	1,000	20	\$6,490	\$147,309
18-Nov-89	11,700	11.2	44	10.2	12	10	2/7	10.0	1/89.0	9.0	2,100	40	\$8,252	\$155,561
19-Nov-89	11,700	11.2	40	10.0	10	10	2/5	9.0	1/90.0	9.0	2,800	60	\$3,163	\$158,724
20-Nov-89	11,700	11.2	57	8.4	20	12	2/7	11.0	3/86.0	9.5	2,300	80	\$8,062	\$166,786
21-Nov-89	11,700	11.2	48	8.6	20	8	3/6	11.0	3/86.0	9.5	2,300	80	\$887	\$167,673
22-Nov-89	11,700	11.2	62	8.2	27	8	3/8	13.0	4/83.0	10.0	1,800	60	\$1,773	\$169,446
23-Nov-89	11,700	11.1	46	10.6	20	6	2/5	10.0	4/86.0	9.0	1,200	40	\$2,674	\$172,120
24-Nov-89	11,700	11.1	43	10.0	15	13	2/6	9.0	2/89.0	9.5	800	40	\$14,972	\$187,092
25-Nov-89	11,700	11.1	58	10.0	22	14	2/9	13.0	1/86.0	9.5	600	20	\$12,075	\$199,167
26-Nov-89	11,700	11.2	48	9.8	22	16	3/11	12.0	.5/87.5	9.0	600	20	\$4,812	\$203,979
27-Nov-89	11,700	11.2	47	9.0	23	16	3/11	13.5	.5/86.0	9.0	600	20	\$318	\$204,297
28-Nov-89	11,700	11.2	48	8.4	25	13	3/8	9.5	1.5/89.0	9.0	800	40	\$2,790	\$207,087
29-Nov-89	11,700	11.2	50	7.8	25	14	3/8	10.5	2/87.5	9.0	1,000	40	\$1,591	\$208,678

MUD RECORD FOR MILES 7-7B3

DATE	DEPTH	MUD		WATER				OIL/			pH	Cl	Ca	DAILY COST	CUMULATIVE COST
		WRIGHT	VIS.	LOSS	PV	YP	GBLS	SOLIDS	WATER						
30-Nov-89	11,700	11.2	48	7.2	29	12	3/7	13.0	1/86.0	9.0	1,100	40	\$731	\$209,409	
01-Dec-89	11,700	11.2	46	7.8	28	12	2/8	13.0	tr/87.0	9.5	1,100	tr	\$3,233	\$212,642	
02-Dec-89	11,700	11.1	46	7.4	24	12	3/8	12.0	tr/88.0	10.0	900	tr	\$5,870	\$218,512	
03-Dec-89	11,700	11.2	45	8.0	24	9	2/7	11.0	tr/89.0	9.0	500	tr	\$4,694	\$223,205	
04-Dec-89	11,700	10.6	47	11.2	24	14	5/27	11.5	tr/88.5	12.0	2,200	tr	\$8,284	\$231,489	
05-Dec-89	11,701	10.6	46	11.8	17	10	4/15	12.0	tr/88.0	12.0	800	40	\$3,567	\$235,048	
06-Dec-89	11,783	10.5	48	9.2	21	13	3/10	10.0	2.5/87.5	12.0	1,200	120	\$3,545	\$238,593	
07-Dec-89	11,833	11.0	45	9.0	18	9	3/10	9.0	1/90.0	11.5	1,200	80	\$6,858	\$245,451	
08-Dec-89	11,933	10.9	46	8.4	20	10	3/9	10.0	1/89.0	11.0	1,300	80	\$10,939	\$256,390	
09-Dec-89	12,024	11.2	47	8.0	20	12	3/12	13.0	1/86.0	9.5	1,300	80	\$18,255	\$274,645	
10-Dec-89	12,124	11.5	46	10.8	20	10	3/10	14.5	1/84.5	10.0	1,200	60	\$17,927	\$292,572	
11-Dec-89	12,196	12.1	50	8.6	24	18	3/11	15.0	2/83.0	9.5	1,100	80	\$8,126	\$300,698	
12-Dec-89	12,280	12.5	50	8.2	23	14	2/8	18.0	2/80.0	9.5	1,100	80	\$16,565	\$317,263	
13-Dec-89	12,420	13.1	52	8.0	28	15	2/9	20.0	1/79.0	9.5	800	tr	\$32,637	\$333,335	
14-Dec-89	12,550	13.3	55	8.0	32	15	3/10	21.0	1/78.0	9.5	500	60	\$7,883	\$341,218	
15-Dec-89	12,666	13.6	49	10.0	34	12	4/12	18.5	2/79.5	9.0	400	80	\$20,122	\$361,340	
16-Dec-89	12,761	13.6	49	9.2	27	14	3/12	19.0	2/79.0	9.5	400	80	\$18,541	\$379,881	
17-Dec-89	12,905	13.8	53	8.4	30	22	4/16	20.5	2/77.5	10.5	500	80	\$17,361	\$397,242	
18-Dec-89	12,910	13.8	54	9.0	29	15	4/15	20.0	1/79.0	10.5	500	60	\$23,568	\$420,810	
19-Dec-89	12,945	13.8	54	8.8	32	16	4/12	20.0	1/79.0	10.5	500	60	\$4,900	\$425,710	
20-Dec-89	13,200	13.8	50	7.2	32	14	3/9	20.0	1/79.0	10.0	500	40	\$13,647	\$439,357	
21-Dec-89	13,375	13.8	50	7.0	32	21	4/10	20.0	1/79.0	9.5	500	40	\$3,725	\$443,082	
22-Dec-89	13,528	13.8	52	7.0	32	22	5/11	22.0	tr/78.0	10.0	500	40	\$2,228	\$445,310	
23-Dec-89	13,700	13.9	52	6.8	31	22	4/10	23.5	tr/76.5	10.0	500	80	\$2,655	\$447,965	
24-Dec-89	13,700	13.9	51	6.8	36	15	4/8	23.0	tr/77.0	9.5	500	80	\$2,865	\$450,830	
25-Dec-89	13,700	13.9	50	7.0	36	13	3/8	22.0	tr/78.0	9.5	500	60	\$1,485	\$452,315	
26-Dec-89	13,700	14.0	52	6.0	31	16	3/7	23.0	tr/77.0	9.5	500	60	\$3,101	\$455,416	
27-Dec-89	13,700	13.9	48	6.2	31	13	3/6	22.0	tr/78.0	9.5	500	40	\$1,350	\$456,766	

NOTIFICATION AND INFORMATION REQUIREMENTS

Pennzoil Company
 #7-7B3 Miles
 7-T2S-R3W
 Duchesne Co., Utah

LETTERS
 Pennzoil Company
 P.O. Box 2967
 Houston, TX
 77252-2967

LARGE PACKAGES
 Pennzoil Company
 700 Milam
 Houston, TX
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Pennzoil Company
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Pennzoil Company
 P.O. Box 290
 Neola, UT 84053
 Attn: Will Lama

Proven Properties, Inc.
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 Attn: Rick Carter

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 355 West North Temple
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 Midland, TX 79702-1700

Flying J
 333 West Center
 N. Salt Lake, UT 84054

Coastal O & G Corp.
 P.O. Box 749
 Denver, CO 80201

Cutting of samples	Daily Mud Log & Final Mud Log	Reports - DST, Geological, Completion, Fluid Analysis, etc.	Notice prior to & results of DST's, Cores, Logging, Plugging, etc.	Log Telecopies as needed	Electric Logs - Tape US Format	Electric Logs - Film Prints	Electric Logs - Film Prints	Electric Logs - Field Prints	Daily Drilling Reports - Mail	Daily Drilling Reports - Phone	State Permits, Reports, Survey, etc.	AFE & Well Prognosis
1	152	2	1	1	1	1	2	2	1	1	2	1
0	051	1	1	0	0	0	0	1	0	0	1	2
0	152	2	2	1	1	0	2	1	1	0	1	1
0	152	1	0	0	0	0	1	0	0	0	1	0
0	152	2	1	1	0	0	2	2	1	1	1	1
0	152	2	2	1	0	0	2	2	1	1	1	1
0	152	2	1	1	1	0	2	2	1	1	1	2

Total

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

February 14, 1990

State of Utah, Dept. of Natural Resources
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
FEB 15 1990

DIVISION OF
OIL, GAS & MINING

Re: Monthly Operations Report for Drilling
Miles No. 7-7B3
SWNW Sec.7, T2S, R3W
Duchesne County, Utah
API No. 43-013-31245

Gentlemen:

Enclosed, please find the original and three (3) copies of your DOGM Form 5 " SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations.

Should there be any questions, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Exploration and Production Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure

WLL/d11

CHECKED CARD	
DPM	RJP
JFB	CLH
DTS	SLS
1-TAS	
MICROFILM	
2-	FILE

state of Utah
DEPARTMENT OF NAT. RESOURCES
DIVISION OF OIL, GAS AND MINING

SUBMIT IN TRIP DATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1001-013
Expires August 31, 1985
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

Fee Land
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Pennzoil Exploration and Production Company

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
P.O. Box 290 Neola, Utah 84053

9. WELL NO.
Miles

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
2449' FNL & 1210' FWL

10. FIELD AND POOL, OR WILDCAT
Altamont / Wasatch

14. PERMIT NO.
43-013-31245

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
Graded(G.L.) 6148.3- (K.D.B.) 6175.5

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SWNW
12. COUNTY OR PARISH
Duchesne
13. STATE
Utah

10. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Reconpletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

- Spudded AT 4:00 P.M. on 9-24-89 with Martin's Rathole Machine.
- Set 16"-55# conductor pipe to 186' from G.L. and cement with 705 sks Cl. G cement.
- MIRU Forwest Rig 6 and spud at 6:00 P.M. on 10-13-89.
- Drill a 12 1/4" hole to 5537'. Mud @ T.D. - 8.8 wt.- 31 vis.- No water flows encountered.
- Ran 128 jts. (5538.78) of 9 5/8" csg. 40#, HC-80/S-95/L-80, STC/LTC: set and cement @ 5537' with 1676 sks. Cl. G/Lite cement. Loss circulation @ 69 Bbls of displacement left.
- Cement with 1" pipe from 372' to surface with 350 sks. Cl. G cement. No fall back.
- Nipple up and test BOP stack to 5000 psi (O.K.)
- Drill out cement, F.C., G.S., and formation to 5542'. Run formation leak off test for a 10.13 ppg EMW.
- Drill to 6564' and run formation leak off test for a 8.7 ppg EMW.
- Drill a 8 3/4" hole to 11,700' with normal problems. Mud @ T.D. - 10.9 wt.-46 vis.-11.6 wl.
- Log well with DIL-GR, BHC-SONIC, CNL-FDC, Temp., 4 Arm Caliper, and High Resolution Induction
- Ran 278 jts. of 7" csg. 23#/26#, N-80/S-95, Butt./LTC. Set @ 11,681'. DVT @ 7869'.
- 7" csg. became stuck and lost circulation. Run Freepoint log, Tracer log, and Temp. log. Evaluate logs.
- Cement 1st stage with 410 sks. Cl. G cement. No circulation.
- Open DVT @ 7869', attempt to establish circulation, would not circulate.
- Nipple down, cut csg. and nipple up BOP stack and test to 5000 psi. (O.K.)
- Close DVT @ 7869'. Drill out DVT and clean out 7" csg. to 10,500'.
- Run CET & CBL logs and evaluate same.
- Perforate 4 holes @ 10,010', attempt to establish circulation, would not circulate.
- Run cement retainer and squeeze perfs. @ 10,010' with 200 sks. Cl. G cement to 2000 psi.
- Perforate 4 holes @ 8280', establish circulation between 7" csg. and 9 5/8" csg.
- Run cement retainer and cement threv perfs @ 8280' with 1057 sks 50/50 Poz and Cl."G" cement,
- Drill out cement, cement retainers, and perfs. @ 8280' and 10,010'. Test 7" csg. and each perforations to 2000 psi. (O.K.)
- Drill out cement, F.C., G.S., and formation to 11,700'. Run formation leak off test for a 13.23 ppg. EMW.
- Drill a 6 1/8" hole to T.D. @ 13,700', with normal problems. Mud @ T.D. 13.9 wt.-52 vis.- 6 wl.
- Log well with Full Wave Sonic, High Resolution Induction, and 4-Arm Caliper log.
- Ran 52 jts. 5" csg. (2179.50') 18#, N-80, FL4S. Set @ 13,695'. Top Of Liner @ 11.515'.
- Cement 5" liner with 165 sks. Cl."G" cement.
- Clean out to Top Of Liner @ 11,515' and 5" liner to a PBTD of 13,652'.
- Test top of liner with a flow test of 8.3 ppg water for a differential of 2822 psi., pressure test top of liner with 13.6 ppg mud to 2500 psi. (O.K.)
- Displace well with 10 ppg brine and log with CET & CBL logs.
- Run 2000' 2 7/8" tubing, nipple down BOP stack, nipple up tubing head, and shut well in.
- Rig down rotary tool and release rig at 5:00 P.M. 1-2-90. **FINAL DRILLING REPORT**

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

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Confidential

OIL AND GAS 56 64 01

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

5. LEASE DESIGNATION AND SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME 9. WELL NO. 10. FIELD AND POOL, OR WILDCAT 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other [] 2. NAME OF OPERATOR Pennzoil Exploration and Production Company

3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252-2967 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2449 FNL 1210 FWL

14. PERMIT NO. 43-013-31245 DATE ISSUED MAY 04 1990 12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 10/13/89 16. DATE T.D. REACHED 12/23/89 17. DATE COMPL. (Ready to prod.) 4/8/90 18. ELEVATIONS (OF RKB, RT, GR, ETC.)* KB 6175.53 19. ELEV. CASINGHEAD GL 6148.3

20. TOTAL DEPTH, MD & TVD 13700 21. PLUG, BACK T.D., MD & TVD 13656 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 11200-13090 Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR Sonic Caliper HRI-SP-6R 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well) Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD) 30. TUBING RECORD Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) see attached 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO

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

35. LIST OF ATTACHMENTS Daily Reports

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Supervising Engineer DATE 5-1-90

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
GRGR3	9268	
GCP70	10592	
GRIU2	10785	
WS200	12761	
WS TFL	13600	

MILES #7-7B3 DRILLING REPORTS

EXP - Miles #7-7B3 - Utah - Duchesne - Bluebell/Altamont - Pennzoil -
PZL W.I. 49.6301% - PD 14,500' - Section 7, T2S, R3W - AFE #07096106 - AFE
Cost \$\$1,919,000

This well was permitted 2449' FNL and 1210' FWL in the SWNW Section 7, T2S-R3W, Duchesne County, Utah, API No. 43-013-31245. Road and location work is in progress. The well was spudded with rathole machine at 4:00 PM on 09/24/89. 16" conductor pipe was set and cemented to surface at 186' below GL. This well was spudded w/drilling rig @ 6:00 AM on 10/13/89.

10/08/89: G.L. 6148.3'
 K.B. 6175.53'
 Rig Phone (801) 454-3350
 Geologist and Mud Logger Phone (801) 454-3349
 API #43-013-31245
 16" Conductor @ 186' below GL. Building location.

10/09/89: 16" @ 186' below GL. Finished location & started MIRT.

10/10/89: 16" conductor @ 186' below GL, on RURT.

10/11/89: CTD \$88,866
 16" set @ 186' below GL on RURT.

10/12/89: CTD \$92,936
 16" conductor @ 186' below GL. RURT & will spud this AM.

10/13/89: CTD \$104,273
 Day 01
 284', reaming 12-1/4" hole to 15" (hit cmt in 16" conductor @ 121' - 2° @ 259' checked these 0° @ 100', 1° @ 131', 1° @ 160', 1-1/2° @ 190', 2° @ 221', 2° @ 259' & 2° @ 283'. PU 15" flat btm bit & drill cmt from conductor pipe & start reaming 12-1/4" holes to 15"), f wtr.

10/14/89: CTD \$111,538
 Day 02
 434', drilling, made 150' in 8 hrs (finished reaming 12-1/4" hole to 15" & drilled 15" hole from 284' to 286'. Re-surveyed 1/2° @ 193', 1° @ 223', 1-1/4° @ 254', 1-1/2° @ 284'. Resumed drilling 12-1/4" hole), f wtr, 1-1/2° @ 302', 1-3/4° @ 340' & 1-1/2° @ 378'.

10/15/89: CTD \$138,781
 Day 03
 1215', drilling, made 781' in 22 hrs, f wtr, 1-3/4° @ 440', 3/4° @ 502', 1-1/2° @ 749', 1-1/2° @ 997'.

10/16/89: CTD \$167,405
 Day 04
 2230', drilling, made 1015' in 21.5 hrs, f wtr, 3/4° @ 1260', 1-1/2° @ 1646', 7/8° @ 2108'.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

10/17/89: CTD \$198,939
Day 05
3273', drilling, made 1043' in 23 hrs, f wtr, 5/8° @ 2513',
3/4° @ 2932'.

10/18/89: CTD \$217,984
Day 06
3925', drilling, made 652' in 23 hrs, f wtr. Chlorides
jumped from 375-3000 in the last 24 hrs. This may be wtr
from a disposal well, 1/4° @ 3286', 1/2° @ 3674'.

10/19/89: CTD \$234,466
Day 07
4519', drilling, made 594' in 23 hrs, f wtr, 1-1/2° @ 4155',
2° @ 4451'.

10/20/89: CTD \$245,816
Day 08
4918', drilling, made 399' in 18 hrs, f wtr, 2° @ 4604', 2°
@ 4730' & 1-1/4° @ 4885'.

10/21/89: CTD \$261,956
Day 09
5475', on wiper trip w/SLM of DP, made 557' in 22.5 hrs, f
wtr, 1-1/2° @ 5373'.

10/22/89: CTD \$270,059
Day 10
5532', running 9-5/8" surf csg, made 57' in 4 hrs, 8.8#
gelled f wtr, 1-3/4° @ 5484'.

10/23/89: CTD \$273,038
Day 11
5532', WOC, (cont'd running 9-5/8" csg. Washed from
4000-4085' & from 5440-5536' by csg tally. Mixed & pumped
cmt. W/69 bbls displacement left lost full returns & never
regained circ. Lift press indicated cmt near surf. Lift
press did not drop when lost circ occurred. Started WOC),
8.7# gel wtr.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

10/24/89: CTD \$312,061
Day 12
5537' corrected depth, on NU of BOP stack (ran 128 jts [5538.79'] 9-5/8" 40# HC80/S-95/L-80 LT&C/ST&C set & cmt'd @ 5537'. Cmt'd 9-5/8" w/1676 sxs & on displacement lost returns. Ran 1" to 372'. Finished WOC. Mixed & pumped 350 sxs cmt thru 1" @ 372'. Circ out 7 bbls +/- & cmt fell 29', will fill up w/ready mix. ND & cut off. Install wellhead & test w/2300 psi, OK. Start NU of BOP's). F wtr.

10/25/89: CTD \$322,908
Day 13
5658', drilling, made 121' in 4-1/2 hrs (finished BOP NU & tested to 5000 psi. PU BHA. TIH. Drilled out & made 5' of new hole. Fm leak-off test leaked @ 500 psi for an EMW of 10.1#. Resume drilling.) f wtr.

10/26/89: CTD \$342,869
Day 14
6312', drilling, made 654' in 23 hrs, f wtr, 1-3/4° @ 5782' & 1-3/4° @ 6264', BG 75 units.

10/27/89: CTD \$361,769
Day 15
6916', drilling, made 604' in 21.5 hrs, f wtr, 1-3/4° @ 6761', BG 22 units.

10/28/89: CTD \$379,128
Day 16
7535', drilling, made 619' in 23.5 hrs, f wtr, 1-1/2° @ 7252', BG 475 units.

10/29/89: CTD \$391,485
Day 17
7967', drilling, made 432' in 19.0 hrs f wtr, 1-3/4° @ 7548', BG 820 units.

10/30/89: CTD \$414,517
Day 18
8550', drilling, made 583' in 23 hrs, f wtr, 1-3/4° @ 8054', BG 855 units.

10/31/89: CTD \$430,874
Day 19
9135', drilling, made 585' in 21 hrs, f wtr, 2-1/2° @ 8545', 2° @ 9060', BG 400 units.

11/01/89: CTD \$450,544
Day 20
9850', drilling, made 715' in 23.5 hrs, f wtr, 1-3/4° @ 9546', BG 500 units.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

- 11/02/89: CTD \$463,167
Day 21
10,143', RTCB, made 293' in 12 hrs, f wtr, BG 1,050 units.
- 11/03/89: CTD \$472,264
Day 22
10,456', drlg, made 313' in 16.5 hrs, f wtr, 1-1/4° @
10,125', BG 1,858 units.
- 11/04/89: CTD \$484,715
Day 23
10,785', drilling, made 329' in 24 hrs, gel wtr @ 8.7# mud
wt, 33 vis, NC on WL, BG 2950 units.
- 11/05/89: CTD \$491,167
Day 24
10,954', drilling, made 169' in 15 hrs, 8.7# mud wt, 34 vis,
NC on WL, BG 3400 units.
- 11/06/89: CTD \$501,579
Day 25
11,140', circ on ck, raising mud wt to 9.4# from 9.0#, made
186' in 22 hrs, 9.0# mud wt, 40 vis, 19 WL, BG 4500 units.
- 11/07/89: CTD \$522,184
Day 26
11,228', mixing & pumping LCM pills to regain circ, made 88'
in 9 hrs (changed out mud system due to heavy oil cut @
11,234'. Resumed drilling & lost returns after making 4'.
Mixing & pumping LCM pills to regain circ. Lost 660 bbls
mud this day, cum loss 1587 bbls), 11.1/11.0# mud wt, 40
vis, 9.8 WL, BG 3000 units.
- 11/08/89: CTD \$541,342
Day 27
11,228', @ 4000' circ 10.6# mud around, 0 footage last 24
hrs (could not regain circ w/10-20% LCM in mud. After 11.5
hrs POOH. Changed bits & put in larger jets for LCM
material. TIH to 2000' & circ out a large paraffin plug.
Cut mud wt from 11.1# to 10.6#. TIH to 4000' w/mud
displacement & broke circ. Started circ'ing out w/no loss
of mud), 10.6# mud wt, 42 vis, 12 WL, BG N/A.
- 11/09/89: CTD \$556,031
Day 28
11,278', drilling, made 50' in 7 hrs (finished circ @
4000'. TIH to 6000' & circ 10.6# mud around. TIH to 8000'
& circ 10.6# mud around. TIH to 11,136', circ & wash to
btm. Resumed drilling. Lost 495 bbls mud this date & cum
loss is 4020 bbls), 10.8/10.6# mud wt, 45 vis, 12.7 WL, BG
1280 units w/no flare or oil.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

- 11/10/89: CTD \$765,518
Day 29
11,402', drilling, made 124' in 19.5 hrs (lost total circ @ 11,308' for 552 bbls mud, regained circ & resumed drlg) lost 1042 bbls mud this date, cum loss 5062 bbls, 10.7/10.6# mud wt, 40 vis, 13.8 WL, BG 2300 units w/no flare.
- 11/11/89: CTD \$781,707
Day 30
11,566', drilling, made 164' in 24 hrs, 10.7/10.2# mud wt, 48 vis, 14 WL, BG 2500 units w/no flare, lost 325 bbls mud this date, cum loss 5387 bbls mud.
- 11/12/89: CTD \$801,420
Day 31
11,633', drilling, made 67' in 13 hrs (trip for bit) lost 434 bbls mud today, cum loss 5821 bbls mud, 10.8/10.6# mud wt, 42 vis, WL 10.8, BG 2300 units w/10' flare.
- 11/13/89: CTD \$826,053
Day 32
11,700', Circ to log well, made 67' in 8.5 hrs (drill to 11,650', circ well on cks, drill to 11,700', circ & cond hole, short trip, circ & cond hole for logs), mud loss today is 441 bbls, cum loss 6262 bbls. 10.9/10.8# mud wt, 48 vis, 13.2 WL, BG 2200 units w/10' floating flare, trip gas units 10,630 w/25' flare.
- 11/14/89: CTD \$971,747
Day 33
11,700', TIH to cond hole for log (circ & cond hole. TOOH to 8000'. Displace hole w/hot mud. Finish TOOH. RU Halliburton Logging Service. Run DIL, hit bridge @ 8320'. Log well back to surf. TIH w/bit), 10.9/10.8# mud wt, 38 vis, 11.8 WL, BG 1800 units w/10' flare. Mud loss today 245 bbls, cum loss 6507 bbls. Trip 4900 units.
- 11/15/89: CTD \$982,970
Day 34
11,700', circ & cond mud for logs (TIH w/bit. Circ well on cks. Wash to btm, 60' fill. Circ & cond mud, raise mud wt to 11.1#. Lost circ for 1 hr. Circ & cond mud, raising mud wt to 11.3#), 11.2/11.2# mud wt, 38 vis, 10.8 WL, BG 2900 units w/30' flare. Excessive amount of oil @ Shale Shakens. Mud loss today 351 bbls, cum loss 6858 bbls.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

- 11/16/89: CTD \$1,015,127
Day 35
11,700', TOOH to run logs (circ & cond mud, raising mud wt to 11.3#. Lost total returns for 3 hrs. Regained circ & cond'd mud, lowered mut wt to 11.2#. Lost total returns for 5 hrs. Regained circ & cond'd mud for logs. TOOH for logs), 11.2/11.1# mud wt, 50 vis, 12.2 WL, BG 2700 units w/10' floating flare. Mud loss today 2050 bbls, cum loss 8908 bbls.
- 11/17/89: CTD \$1,033,844
Day 36
11,700', running Dual Induction log (On POOH to log w/some tight spots & wiped them out. RU logger & could not get by bridge @ 5895'. TIH w/wipe out bridges again to 7000'. RU Halliburton logging. Ran temp survey & now logging out of hole w/dual induction log), 11.2/11.2# mud wt, 45 vis, 11.4 WL, no circ, no BG gas.
- 11/18/89: CTD \$1,078,266
Day 37
11,700', on POOH to run Sonic Log (finished w/Dual Induction log. Ran televiwer & it would not work. TIH & circ out. Start POOH to run Sonic log), 11.2/11.1# mud wt, 70 vis, 10.2 WL, BG no measurement.
- 11/19/89: CTD \$1,088,071
Day 38
11,700', logging w/Halliburton (finished POOH to log. Ran Sonic w/wave form & 4 arm caliper from 11,691-5532'. Now running high res induction logs. Cum mud loss 9033 bbls), 11.2/11.1# mud wt, 40 vis, 10 WL, BG no reading.
- 11/20/89: CTD \$1,124,010
Day 39
11,700', laying down drill string (finished logging. TIH. Circ'd & cond'd mud. Started POOH laying down drill string), 11.2/11.1# mud wt, 57 vis, 8.4 WL, BG not measured.
- 11/21/89: CTD \$1,165,816
Day 40
11,700', @ 4605' running 7" csg (finished LD drill string. RU & start running 7" csg. Lost 241 bbls mud, cum loss 9340 bbls), 11.2/11.1# mud wt, 48 vis, 8.6 WL, BG not measured.
- 11/22/89: CTD \$1,391,113
Day 41
11,700', circ & preparing to cmt (finished running 278 jts [11,714'] 7" 23/26# N-80/S-95 LT&C butt. Circ btms up & now preparing to cmt), 11.2/11.1# mud wt, 62 vis, 8.2 WL.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

- 11/23/89: CTD \$1,414,488
Day 42
11,700', attempting to regain circ while working stuck 7", stuck on btm 3 jts - per free pt indicator. Ran radio active tracers & found 2 lost zones - 10,810' +/- & 10,725' +/- . Now pumping without returns using LCM pills in an attempt to regain circ), 11.1/11.1# mud wt, 46 vis, 10.6 WL.
- 11/24/89: CTD \$1,436,900
Day 43
11,700', waiting on GR logging tool to locate cmt top. Lead cmt - slurry was tagged w/RA tracer (could not regain circ. RU Dowell & without returns pumped: 30 bbls spacer 3000, 20 bbls chemical wash & 410 sxs cmt slurry. 1st 50 bbls cmt tagged w/Iodine 131 & displaced same w/450 bbls mud. Waiting on Schlumberger to run GR log to check on cmt top), 11.1# mud wt, 43 vis, 10 WL.
- 11/25/89: CTD \$1,472,601
Day 44
11,700', attempting to break circ thru DV @ 7870' +/- (ran GR log, found RA tracer from earlier work from 9150' down to 10,800'. Attempted to run CET log to check on cmt. Mud too thick. Indications are that there is no cmt above 10,600'. Opened DV tool @ 7870' +/-), 11.1# mud wt, 58 vis, 10 WL.
- 11/26/89: CTD \$1,505,052
Day 45
11,700', testing BOP's (could not break circ thru DV @ 7870' +/- . ND BOP stack & set 7" csg slips w/275,000# on them, made cut-off & NU BOP stack, now testing BOP's), 11.2# mud wt, 48 vis, 9.8 WL.
- 11/27/89: CTD \$1,519,909
Day 46
11,700', picking up 3-1/2" drill pipe (finish w/BOP test. RU & PU 3-1/2" drill string to 7585'. Circ 135° mud around. Stand back same 3-1/2" drill pipe. Start PU of remaining 3-1/2" drill pipe while heating drill mud), 11.2# mud wt, 47 vis, 9 WL.
- 11/28/89: CTD \$1,532,260
Day 47
11,700', circ 130/140°F mud inside 7" csg holding 150 psi back press - attempting to break circ on 7" csg annulus (finish PU drill pipe. Circ hot mud around inside 7" csg. Circ 100 bbls 200°F wtr down & got 120°F wtr back. Pump 5 bbls mud down 9-5/8" x 7" annulus @ 200 psi. 4.5 bbls flowed back in 15 mins. Resumed circ in 7" csg), 11.2/11.1#, 48 vis, 8.4 WL.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

- 11/29/89: CTD \$1,567,396
Day 48
11,700', circ hot wtr thru 3-1/2" drill string @ 6282'. Wtr in @ 198°F & out @ 158°F & holding 1050 psi back press (cont circ hot mud around. RU & pull bit to 6282' from 7704'. RU & displace mud w/wtr. Circ hot wtr around in @ 198°F & out @ 158°F), 11.2# pit mud, 50 vis, 7.8 WL.
- 11/30/89: CTD \$1,590,239
Day 49
11,700', on TIH to float collar w/6-1/8" bit on 3-1/2" drill string (finish circ @ 6282'. TIH to 7704' & cont to circ hot wtr around. Bridge in 7" x 9-5/8" annulus. Broke & circ out oil & LCM material. Left annulus full of clean 11.2# mud. Closed DV tool & tested same w/1500 psi, OK. Started TIH to circ mud in 7" csg), 11.2# mud wt, 4.5 vis, 7.2 WL.
- 12/01/89: CTD \$1,624,442
Day 50
11,700', on TIH to set retainer & sqz perfs @ 10,010' (finished TIH & circ mud around. POOH. Schlumberger ran CET & CBL logs. Perf'd csg 4-1/2" holes on 90° phasing @ 10,010'. Could not break circ to surf. Now on TIH to sqz perfs @ 10,010'), 11.2/11.2# mud wt, 46 vis, 7.8 WL.
- 12/02/89: CTD \$1,646,030
Day 51
11,700', mixing 35 bbls liquid csg & DM seal pill (finished in hole. Set ret @ 9884' & used 200 sxs Class "G" cmt to sqz perfs @ 10,010' w/1850 psi +/- . POOH. Perf @ 8280' w/4-1/2" hole on 90° phasing broke circ & circ mud. TIH to set ret @ 8009'. Broke circ mixing 35 bbls liquid csg/DM seal pill), 11.2/11.1# mud wt, 46 vis, 7.4 WL.
- 12/03/89: CTD \$1,699,963
Day 52
11,700', washing & reaming cmt stringer @ 7490' (finished mixing & then circ 35 bbls pill around displacing 11.2# mud w/f wtr. RU & pump 1,057 sxs cmt, 50/50 poz lead & tail-in w/16.1# Class "G" thru perfs @ 8280' under retainer set @ 8009'. POOH. WOC. TIH w/6-1/8" bit to cmt stringers @ 7450'. Start washing out cmt stringer), 10.5/11.2# mud wt, 45 vis, 8 WL, cutting mud wt back to speed up drilling until next kick.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

12/04/89: CTD \$1,718,060
Day 53
11,700', @ 11,700' preparing to drill (W&R to ret @ 8009'.
Drill ret & cmt to 8280'. Test perms @ 8280' w/2000 psi, 15
min test OK. TIH to 9845' W&R to ret @ 9877'. Drill ret &
cmt to 10,015'. Test perms @ 10,010' w/2000 psi, 15 min
test OK. TIH to 11,537'. Drill float collar @ 11,547'.
Wash & ream to 11,699', now circ @ 11,700'), 10.6# mud wt,
47 vis, 11.2 WL.

12/05/89: CTD \$1,735,404
Day 54
11,739', drilling ahead, made 39' in 8.5 hrs (RTCB w/SLM &
made no depth correction. @ 11,700' opened hole w/7" set &
cmt'd @ 11,679' +/- . Press tested the 7" csg seat w/an EMW
of 13.23# resumed drilling operations), 10.6/10.5# mud wt,
46 vis, 11.8 WL.

12/06/89: CTD \$1,746,004
Day 55
11,819', RTCB, made 80' in 21 hrs, 11# mud wt, 49 vis, 9.2
WL, BG 2550 units w/5' flare.

12/07/89: CTD \$1,765,325
Day 56
11,915', mixing & pumping LCM - fracture loss, made 96' in
15 hrs, 11.0/11.0# mud wt, 45 vs, 9 WL, BG 1600 units
w/small flare.

12/08/89: CTD \$1,796,145
Day 57
12,010', drilling, made 92' in 22 hrs, 11.5/11.3# mud wt, 46
vis, 8.4 WL, daily mud loss 617 bbls, cum mud loss 12,724
bbls, BG 1680 units w/5' flare.

12/09/89: CTD \$1,823,065
Day 58
12,095', drilling, made 85' in 21 hrs, 11.8/11.7# mud wt, 47
vis, 8.6 WL, BG 1800 units w/no flare, daily mud loss 899
bbls, cum mud loss 13,623 bbls.

12/10/89: CTD \$1,848,432
Day 59
12,160', drilling, made 65' in 17.5 hrs, 12/12# mud wt, 50
vis, 10.8 WL, daily mud loss 189 bbls, cum mud loss 13,812
bbls, BG 250 units w/no flare.

12/11/89: CTD \$1,863,548
Day 60
12,239', drilling, made 79' in 17.5 hrs, 12.6/12.6# mud wt,
50 vis, 8.6 WL, BG 650 units w/no flare.

MILES 7-7B3
Duchesne County, Utah
Section 7, T2S-R3W
AFE 07096106

12/12/89: CTD \$1,913,564
Day 61
12,360', drilling, made 121' in 23.5 hrs, 13.0+/13.0# mud wt, 50 vis, 8.2 WL, BG 1025 units w/5' flare @ times.

12/13/89: CTD \$1,960,761
Day 62
12,499', drilling, made 139' in 24 hrs, 13.1/13.0# mud wt, 52 vis, 8 WL, BG 1400 units w/1-5' flare. Daily mud loss 198 bbls to seepage which is now near 0 & cum Wasatch mud loss is 3,175 bbls w/cum Green River loss @ 12,107 bbls.

12/14/89: CTD \$1,976,259
Day 63
12,619', drilling, made 120' in 20.5 hrs, 13.5/13.5# mud wt, 55 vis, 8 WL, BG 1600 units w/1'-5' flare, daily mud loss 267 bbls & cum mud loss 3442 bbls.

12/15/89: CTD \$2,006,493
Day 64
12,744', drilling, made 125' in 23 hrs, 13.6/13.4# mud wt, 50 vis, 10 WL, BG 1400 units w/1'-3' flare, daily mud loss 257 bbls, cum mud loss 3699 bbls.

12/16/89: CTD \$2,032,304
Day 65
12,865', drilling, made 121' in 24 hrs, 13.8/13.6# mud wt, 55 vis, 9.2 WL, BG 2050 units w/1-3' flare, daily mud loss 406 bbls, cum mud loss 4105 bbls.

12/17/89: CTD \$2,058,724
Day 66
12,904', press testing 7" csg, made 39' in 7 hrs (mud loss was running +/- 10-14 bbls/hr while drilling & on a 40 min check w/pump off lost 13.0 +/- bbls. ECD apparently was not effecting the mud loss, looking for hole in csg. POOH & check DC w/SLM, no correction. TIH w/RTTS & 7" csg has been tested to 2000 psi above 8387'. Will cont in hole testing 7" csg.), 13.8/13.4# mud wt, 53 vis, 8.4 WL, BG 1275 units w/1-3' flare, daily mud loss 243 bbls, cum mud loss 4348 bbls.

WESTERN DIVISION
DAILY DRILLING & COMPLETION REPORTS
4/26/90

1

Miles #7-7B3

DEV - Duchesne County, Utah - Bluebell/Altamont field

Sec 7, T2S, R3W - Pennzoil - PZL W.I. 49.6301% - PD 14,500' - AFE #
07096106 - AFE cost \$1,919,000

G.L. 6148.3'

K.B. 6175.53'

Rig phone (801) 454-3350

Geologist & mud logger phone (801) 454-3349

API #43-013-31245

12/15/89

CTD \$2,006,493

Day 64

12,744', drilling, made 125' in 23 hrs, 13.6/13.4# mud
wt, 50 vis, 10 WL, BG 1400 units w/1-3' flare, daily
mud loss 257 bbls, cum mud loss 3699 bbls.

12/16/89

CDT \$2,032,304

Day 65

12,865', drilling, made 121' in 24 hrs, 13.8/13.6# mud
wt, 55 vis, 9.2 WL, BG 2050 units w/1-3' flare, daily
mud loss 406 bbls, cum mud loss 4105 bbls.

12/17/89

CTD \$2,058,724

Day 66

12,904', press testing 7" csg, made 39' in 7 hrs (mud
loss was running +/- 10-14 bbls/hr while drilling & on
a 40 min check w/pump off lost 13.0 +/- bbls. ECD
apparently was not affecting the mud loss, looking for
hole in csg. POOH & check DC w/SLM, no correction.
TIH w/RTTS & 7" csg has been tested to 2000 psi above
8387'. Will cont in hole testing 7" csg.), 13.8/13.4#
mud wt, 53 vis, 8.4 WL, BG 1275 units w/1-3' flare,
daily mud loss 243 bbls, cum mud loss 4348 bbls.

12/18/89

CTD \$1,089,589

Day 67

12,915', pulling bit above DM seal pill, made 11' in
1.5 hrs (finished testing 7" csg from 11,600' to surf
w/2000 psi, 30 mins, OK. POOH. PU new diamond bit.
TIH & drill 11' w/12.5 bbl/hr mud loss. Mixed & pumped
45 bbls DM seal pill. Displaced pill from 12,500-9500'
outside drill string. Squeezed 4.5 bbls pill to fm.
Started pulling drill string above DM seal pill),
13.8/13.4# mud wt, 54 vis, 9.0 WL, BGH 1025' w/no
flare, daily mud loss 208 bbls, cum mud loss 4556 bbls.

4/26/90

2

12/19/89 CTD \$2,102,796
Day 68
13,106', drilling, made 191' in 21 hrs, 13.8/13.4# mud
wt, 55 vis, 8.8 WL, BG 1750 units w/no flare, daily mud
loss 0.0 bbls, cum mud loss 4556 bbls.

12/20/89 CTD \$2,126,639
Day 69
13,292', drilling, made 193' in 23.5 hrs, 13.8/13.3#
mud wt, 52 vis, 7.2 WL, BG 450 units w/no flare, daily
mud loss 0.0 bbls, cum mud loss 4556 bbls.

12/21/89 CTD \$2,137,354
Day 70
13,486', drilling, made 187' in 23.5 hrs, 13.8/13.5#
mud wt, 50 vis, 7 WL, BG 550 units w/no flare, daily
mud loss 0.0 bbls, cum mud loss 4556 bbls.

12/22/89 CTD \$2,169,984
Day 71
13,650', drilling, made 164' in 23 hrs, 13.9/13.6# mud
wt, 52 vis, 7 WL, BG 250 units w/no flare, daily mud
loss 0.0 bbls, cum mud loss 4556 bbls.

12/23/89 CTD \$2,179,629
Day 72
13,700', on POOH to log, made 50' in 7.5 hrs (@ TD circ
btms up & made short trip to 11,650' +/- . TIH W&R
tight spots. Circ out for logs & start POOH),
13.9/13.8# mud loss, 60 vis, 6.5 WL, BG 250 units w/no
flare, daily mud loss 0.0 bbls, cum mud loss 4556 bbls.

12/24/89 CTD \$2,216,788
Day 73
13,700', on TIH w/5-3/4" x 4.90" finger basket (RU
Halliburton logging. Run Sonic GR & 4 arm caliper -
full wave form, HRI-SP-GR logs from 13,706-11,694' -
left 2 rubber centralizers from sonic log in wellbore.
On TIH w/finger basket in an attempt to recover 1 or
both of them), 13.9/13.8# mud loss, 51 vis, 6.8 WL, BG
no circ, daily mud loss 0.0 bbls, cum mud loss 4556
bbls.

4/26/90

3

- 12/25/89 CTD \$2,225,799
Day 74
13,700', on btm circ to run 5" liner (finished in hole w/finger basket. Attempted to engage fish. POOH w/no recovery. TIH w/bit & BHA. Circ out & got no rubber. Short trip to 11,679' & circ out. Got several pieces of rubber. Mixed & pumped thick pill of LCM mud & got 2 more pieces of rubber. Have recovered about 1/2 of 1 centralizer which leaves 1-1/2 centralizers in hole. Circ to run 5" liner), 13.9/13.9# mud wt, 50 vis, 7 WL, BG not measured, daily mud loss 0.0 bbls, cum mud loss 4556 bbls.
- 12/26/89 CTD \$2,246,859
Day 75
13,700', on TIH w/5" liner (finished cond mud & wellbore for 5" liner. POOH. RU & PU 52 jts [2175.50' hardware] 5" 18# N-80 FL45. Now on TIH w/same.), 13.9# mud wt, 52 vis, 6 WL, daily mud loss 0.0 bbls, cum mud loss 4556 bbls.
- 12/27/89 CTD \$2,285,878
Day 76
13,700', WOC (finished in hole w/5" liner on 3-1/2" DP to 13,700', circ btms up, hang liner & check rotating torque. Liner length correction 52 jts [2179.50'] 5" 18# N-80 FL45 set from 13,695-11,515'. Cmt'd by Dowell w/12 bbls CW-7 chemical wash, 24 bbls spacer 3000 @ 14.2#/gal & 165 sxs Class "G" w/35% silica flour, 0.05% D-13R, 18% salt, 0.7 gal/sk D-604A, 0.05% M-45 mixed @ 16.1#/gal. POOH & cont w/WOC. PU 2-7/8" drill string, test BOP's & etc), 13.9# mud wt, 48 vis, 6.2 WL, daily mud loss while circ on btm & cmt'ing 10 bbls w/Wasatch cum loss @ 4566 bbls.
- 12/28/89 CTD \$2,329,288
Day 77
13,700', on TIH w/4-1/8" bit & 5" csg scraper to clean out liner to landing collar (finish PU 2-7/8" DP & stand same back in derrick. PU 6-1/8" bit & TIH w/3-1/2" drill string to liner top @ 11,515'. Some green cmt & small cmt stringers above liner top. POOH, no on TIH to clean out 5" liner), 13.8# mud wt, 47 vis, 7.6 WL.

4/26/90

4

12/29/89 CTD \$2,341,109
Day 78
13,700', taking back flow test of liner top w/RTTS @ 11,489' & 3-1/2" drill pipe displaced w/69 bbls f wtr for a diff press of 2822 psi (finish in hole & clean out 5" liner to 13,652'. Had 64' hard cmt on latch down plug. POOH & TIH to 11,489' w/RTTS. Set same after pumping 69 bbls f wtr down 3-1/2" DP & started flow back test), 13.5# mud wt, 55 vis, 9.4 WL.

12/30/89 CTD \$2,353,038
Day 79
13,700', running CBL w/Howco logging (finished 3 hr flow back test w/no flow back. Press tested liner top w/2500 psi & 13.6# mud in wellbore. POOH. TIH w/4-1/8" bit on 2-7/8" & 3-1/2" DP to 13,652'. Displace 13.6# mud w/10.0# brine. POOH. RU Howco logging & start running CBL under 2000 psi), 10# brine.

12/31/89 CTD \$2,360,846
Day 80
13,700', running Schlumberger CET log under 2000 psi (change out Howco CBL logging tools & finish w/CBL. Could not get Howco's PET logging tools to work & they did not want to run it under press. RU Schlumberger's CET tools & got log on 1st pass w/2000 psi press), 10# brine.

1/01/90 CTD \$2,379,239
Day 81
13,700', on BOP stack, ND (finish w/CET log. TIH w/2-7/8" & 3-1/2" DP & LD both drill strings. Start on BOP. ND & set out. Will install tbg spool. PU 2-7/8" tbg & release rig.), 10# brine.

1/02/90 CTD \$2,420,000
Day 82
13,700', rig stacked out over wellbore (finished w/BOP. ND & set out, install & test tbg spool. Ran 64 jts 1980.89' 2-7/8" 6.5# N-80 EUE tbg as kill string. Land tbg. NU tbg head & etc. Clean up rig floor. Released rig @ 5:00 pm on 01/02/90), 10# brine in wellbore. PBSD @ 13,652' on wiper plug in landing collar.

1/03/90 CTD \$2,420,000
13,700' TD, 13,652' PBSD, rig on location. No further work until completion is finalized. FINAL REPORT.

4/26/90

5

3/23/90 CTD \$2,421,625
FIRST COMPLETION REPORT
MIRU pulling unit. Found SICP to be 0 psi. Removed tree & installed BOP. POOH w/64 jts 2-7/8" tbg (kill string) & SDFWE. Waiting on perfing guns to be loaded.

3/26/90 CTD \$2,423,005
61 hr SICP 0 psi. PU & WIH w/276 jts of 2-7/8" 8rd tbg. POOH w/tbg in doubles & stacked same in derrick. SDFN. Now waiting on perf'ing guns to be loaded.

3/27/90 CTD \$2,423,005
Well shut in. Waiting on perf'ing guns to be loaded.

3/28/90 CTD \$2,423,005
Well shut in. Waiting on perf'ing guns to be loaded.

3/29/90 CTD \$2,423,005
Well shut in. Waiting on perf'ing guns to be loaded.

3/30/90 CTD \$2,423,005
Well shut-in. Waiting on perf'ing guns to be loaded.

4/02/90 CTD \$2,423,005
Well shut-in. Waiting on perf'ing guns to be loaded.

4/03/90 CTD \$2,423,005
Well shut in. Waiting on perf'ing guns to be loaded.
Plan to run tbg conveyed guns 4-5-90 & perf 4-6-90.

4/05/90 CTD \$2,686,080
SICP 0 psi. RU Halliburton Logging Service (Vann) & WIH w/tbg. Conveyed perf'ing system on 2-7/8" tbg. Ran GR-Collar log to spot guns. Spaced out & set 7" Otis Perma-Latch Pkr @ 11,125' w/33,000# comp. Landed tbg. Removed BOP & installed tree. Tested pack-off to 5000 psi & csg to 1000 psi. Both held OK. Swabbed fluid level down to 4500' & SDFN. Prep to perf.

4/26/90

6

4/06/90

CTD \$2,687,950

Dropped bar down tbg & perf'd w/3-1/8" guns (2 spf, 120 deg phasing) as follows:

11,200-202'	11,739-742'	12,282-286'	12,733-745'
11,224-226'	11,752-768'	12,300-302'	12,788-802'
11,293-299'	11,804-809'	12,364-372'	12,830-840'
11,314-320'	11,813-818'	12,376-378'	12,880-887'
11,334-336'	11,947-957'	12,414-417'	12,908-910'
11,410-414'	11,962-964'	12,422-424'	12,913-917'
11,478-482'	12,040-068'	12,431-434'	12,934-936'
11,540-546'	12,114-116'	12,438-440'	12,954-956'
11,562-566'	12,120-123'	12,570-593'	12,992-998'
11,635-637'	12,156-160'	12,609-612'	13,048-051'
11,651-655'	12,176-180'	12,632-636'	13,072-074'
11,663-670'	12,228-264'	12,673-682'	13,084-090'

Total ft of pay 302', total holes 604. All depths from HLS induction log run 11/20/89. Had wtr blanket to surf in 10 mins. Had oil to surf in 20 mins. Flowed well to frac tank & battery for 22 hrs on 18/64" ck w/FTP 1050 psi. Made 791 BO & 47 BW. Gas rate 984 MCFPD. Last hr made 23 BO & 0 BW. Will cont flow testing.

4/07/90

CTD \$2,689,105

Well flowed 591 BO & 0 BW in 24 hrs on 22/64" ck w/FTP 700 psi. Gas rate 1000 MCFPD. Will cont flow testing.

4/08/90

CTD \$2,690,200

Well flowed 603 BO & 15 BW in 24 hrs on 24/64" ck w/FTP 500 psi. Gas rate 1200 MCFPD. Prep to set BPV & run heat string.

4/09/90

CTD \$2,753,805

Set back press valve in 2-7/8" tbg hanger. Removed tree & installed BOP. WIH w/210 jts 1.9" heat string (7013'). Landed tbg on split hanger. Removed BOP & installed tree. Pulled back press valve, had 1650 psi SITP (8 hrs). Tested pack-off to 5000 psi & csg to 1000 psi. Both held OK. Flowed well to tank battery for 12 hrs on 18/64" ck w/FTP 750 psi. Made 180 BO & 16 BW w/gas rate 918,000 CFPD. Prep to circ heat string w/fm wtr containing corrosion inhibitor & connect downhole heat trace.

4/26/90

7

4/10/90

CTD \$2,756,750

2-7/8" TBG DETAIL

KB Correction	27.00'
1 jt 2-7/8" 6.5# N-80 8rd tbg	31.50'
2-7/8" subs (10' & 6')	16.00'
338 jts 2-7/8" 6.5# N-80 8rd tbg	11,012.13'
2-7/8" sub w/RA marker in collar	4.16'
1 jt 2-7/8" 6.5# N-80 8rd tbg	33.07'
SN (2.25") & Otis 7" perma-latch pkr	4.88'
1 jt 2-7/8" 6.5# N-80 8rd tbg	33.21'
Fill disk w/perf'd nipple & x-over	1.45'
1 jt 2-3/8" 4.7# N-80 8rd tbg	31.16'
2-3/8" sub	4.46'
Mechanical firing head	.50
Perf'ing guns & bull plug (3-3/8" OD)	1,891.23'

13,090.75'

1.9" TBG DETAIL

KB Correction	27.00'
210 jts 1.9" 2.76# N-80 10rd w/2'	
sub on tbg (MS)	7,013.00'

7,040.00'

Circ'd heat string w/250 bbls fm wtr w/corrosion inhibitor. Connected downhole trace & RD pulling unit. Well flowed 454 BO & 29 BW in 24 hrs on 18/64" ck w/FTP 750 psi. FINAL REPORT.

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P. O. BOX 290 • NEOLA, UTAH 84053 • (801) 353-4397

May 7, 1990

John Baza

D.R. Lankford

State of Utah

Division of Oil, Gas, and Mining

3 Triad Center Suite 350

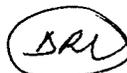
Salt Lake City, Utah 84180-1203

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MAY 08 1990
DIVISION OF
OIL, GAS & MINING

Dear John:

Find duplicate copies of WELL COMPLETION REPORTS for the Swykes 2-21A2,
Hartman 2-31A3, and Miles 7-7B3.

Thanks,



D.R. Lankford

OIL AND GAS	
DNB	GL
JFM	OLH
	SLS
1-TAS	
MICROFILM	
2-	FILE

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JUL 30 1990

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
PENNZOIL EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P.O. BOX 2967, HOUSTON, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)
At surface
2449' FNL & 1210 FWL

14. PERMIT NO.
API NO. 43-013-31245-00

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
GL 6148.3

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
MILES

9. WELL NO.
7-7B3

10. FIELD AND POOL, OR WILDCAT
ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC 7 T2S R3W

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____
(Other) TEMPORARILY SHUT WELL IN <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL WAS SHUT-IN 7-21-90 FOR AN INDEFINITE PERIOD OF TIME DUE TO INTERRUPTION OF OPERATIONS AT THE GARY GAS PLANT LOCATED NEAR NEOLA, UTAH. PENNZOIL WILL RESUME NORMAL PRODUCTION OPERATIONS AS SOON AS REPAIRS ARE COMPLETED AT THE GAS PLANT.

CONFIDENTIAL

OIL AND GAS	
DFN	RJF
JRB	GLH
DTS	SLS
1-DME	
MICROFLUOR	
2- FILE	

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

SIGNED Jess DeLaney TITLE PETROLEUM ENGINEER DATE 7-26-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CONFIDENTIAL

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number
2. Name of Operator Pennzoil Exploration and Production Company		7. Indian Allottee or Tribe Name
3. Address of Operator P.O. Box 2967, Houston, Texas 77252-2967		8. Unit or Communitization Agreement
4. Telephone Number 713 0546-4000		9. Well Name and Number Miles 7-7B3
5. Location of Well Footage : 2449' FNL, 1210' FWL OO, Sec. T., R., M. : Seciton 7, T2S-R3W		10. API Well Number 43-013-31245-00
		11. Field and Pool, or Wildcat Altamont

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

SUMMARY OF COMPLETION AND WORKOVER IN 1990

- 04/04/90: Perforated Wasatch from 11,200-13,090' with 3-1/8" guns (302', 604 holes)
- 08/17/90: Set 7" Guiberson GT Magnum packer at 10,830' and ran 3-1/2" tubing.
- 08/21/90: Acidized perfs 11,200-13,090' with 40,000 gallons 15% HCl.
- 11/07/90: Finished reperforating Wasatch from 11,170-12,558' with 2-1/2" thru tubing guns (393', 786 holes). Left well flowing.

Jess Dullnig
Neola, Utah
11/14/90

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

Name & Signature R. A. Williams Title Supervising Engineer Date 11-14-90

(State Use Only)

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

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS		6. Lease Designation and Serial Number
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		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number Miles 7-7B3
2. Name of Operator Pennzoil Exploration and Production Company		10. API Well Number 43-013-31245
3. Address of Operator P.O. Box 2967, Houston, Texas 77252-2967	4. Telephone Number 713-546-4000	11. Field and Pool, or Wildcat Altamont
5. Location of Well Footage : 2449' FNL and 1210' FWL County : Duchesne QQ, Sec. T., R., M. : Section 7, T2S-R3W State : UTAH		

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
<p>NOTICE OF INTENT (Submit in Duplicate)</p> <p><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 _____</p> <p>Approximate Date Work Will Start _____</p>	<p>SUBSEQUENT REPORT (Submit Original Form Only)</p> <p><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 checked="" 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 checked="" type="checkbox"/> Other <u>Perforating</u></p> <p>Date of Work Completion <u>11/28/90</u></p> <p>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.</p>

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.)

SUMMARY OF COMPLETION AND WORKOVERS IN 1990

- 04/06/90: Perforated Wasatch from 11,200' to 13,090' with 3-1/8" guns (302', 604 holes).
- 08/18/90: Set 7" Guiberson GT magnum packer at 10,830' and ran 3-1/2" tubing.
- 08/21/90: Acidized perfs 11,200-13,090' with 40,000 gallons 15% HCl.
- 11/07/90: Finished perforating Wasatch from 11,170' to 12,558' with 2-1/2" thru tubing guns (393', 786 holes).
- 11/28/90: Acidized all Wasatch perfs 11,170' to 13,090' with 140,000 gallons 15% HCl. Left well flowing.

Jess Dullnig
Neola, Utah
12/7/90

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

Name & Signature *R. A. Williams* R. A. Williams Title Supervising Engineer Date 12-9-90

(State Use Only)

RECEIVED
DEC 13 1990

④

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION RECORD

OPERATOR: PENNZOIL EXPLOR & PROD COMPANY REP: GREG GOODRIDGE

WELL NAME: MILES #7-7B3 API NO: 43-013-31245

SECTION: 7 TWP: 02S RANGE: 03W COUNTY: DUCHESNE

TYPE OF WELL: OIL: OIL GAS: _____ WATER INJECTION: _____

STATUS PRIOR TO WORKOVER: PQW

INSPECTOR: INGRAM TIME: 11:30 AM DATE: 6/26/95

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM: _____ PUMP CHANGE: Y PARTED RODS: _____

CASING OR LINER REPAIR: _____ ACIDIZE: _____ RECOMPLETION: _____

TUBING CHANGE: Y WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

ENHANCED RECOVERY: _____ THIEF ZONE: _____ CHANGE ZONE: _____

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED:

PIT: LINED N UNLINED N FRAC TANK N ROPE: Y H2S PRESENT: N

OPERATIONS AT THE TIME OF INSPECTION: TRIP IN WITH PUMP & TUBING

REMARKS:

HAD SPLIT JOINT OF TUBING. THEY REPLACED TUBING AND WILL PUT

WELL BACK ON PRODUCTION TODAY.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 17 2000

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
U-0575A et al
(UT-932)

FEB 16 2000

NOTICE

Devon Energy Production Company L.P.	:	Oil and Gas
20 North Broadway, Suite 1500	:	U-0575A et al
Oklahoma City, Oklahoma 73102-8260	:	

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the merger by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511	U-4377	UTU-67943
U-0143512	U-4378	

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

LD 635381-001

OFFICE OF THE SECRETARY OF STATE



CERTIFICATE OF MERGER

WHEREAS,

DEVON ENERGY PRODUCTION COMPANY, L.P.

a limited partnership organized under the laws of the State of OKLAHOMA, has filed in the office of the Secretary of State duly authenticated evidence of a merger whereby said limited partnership is the survivor, as provided by the laws of the State of Oklahoma.

NOW THEREFORE, I, the undersigned Secretary of State of Oklahoma, by virtue of the powers vested in me by law, do hereby issue this Certificate evidencing such merger.

IN TESTIMONY WHEREOF, I hereunto set my hand and cause to be affixed the Great Seal of the State of Oklahoma.

Filed in the City of Oklahoma City this 30TH
day of DECEMBER, 1999.



Mae Hunter
Secretary of State

By: *Brian Deane*

Devon Energy Production Company, L.P.

FILED

DEC 8 0 1999

Certificate of Merger

OKLAHOMA SECRETARY
OF STATE

TO: The Oklahoma Secretary of State
101 State Capitol
Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

<u>Name of Organization</u>	<u>Type of Organization</u>	<u>Jurisdiction of Formation</u>
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.

3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.

5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.

6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

RECEIVED

MAR 13 2000

DIVISION OF
OIL, GAS AND MINING

DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C.
General Partner

By: J. Larry Nichols
J. Larry Nichols, Manager

RECEIVED

MAR 13 2000

DIVISION OF
OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: As per the attached spreadsheet.

LEASE NUMBER: _____

and hereby designates

NAME: Devon Energy Production Company, L.P.

ADDRESS: 20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260

as his agent /operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

See attached spreadsheet.

Note: Please use April 1, 2000 as the starting date for production reporting purposes.

RECEIVED

APR 20 2000

DIVISION OF
OIL, GAS AND MINING

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: January 1, 2000

BY: (Name) R. D. Clark

(Signature) 

(Title) Vice President

(Phone) 405-235-3611

OF: (Company) PennzEnergy Exploration and Production Company, L.L.C.

(Address) 20 North Broadway, Suite 1500

Oklahoma City, OK 73102-8260

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit

cc: Vernal Field Office (w/encl.)
Moab Field Office (w/encl.)
MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.)
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)
Teresa Thompson (UT-931) (w/encl.)
Irene Anderson (UT-932) (w/encl.)
LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A
U-01188B
U-016654
U-0115614A
U-0115615
U-0126825
U-0141454

U-0141459
U-0143511
U-0143512
U-0144868A
U-3099
U-3575
UTU-74888

U-4377
U-4378
U-16131
U-31262
U-44426
UTU-67943

Communitization Agreements

U-58774
U-58799
U-58830
U-58834

U-58835
U-58839
U-58844
U-58854

U-60827
U-60831
U-68998



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-4377
UTU-66485
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Exploration and Production L.L.C. : Oil and Gas
P.O. Box 2967 :
Houston, TX 77252-2967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-0115615 et al
(UT-932)

MAR 26 1999

NOTICE

PennzEnergy Company : Oil and Gas
P.O. Box 2967 :
Houston, TX 77252-2967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

IRENE J. ANDERSON

Irene J. Anderson
Acting Group Leader,
Minerals Adjudication Group

Enclosure
Exhibit

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801
Teresa Thompson (UT-931)

RECEIVED

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P.

UTAH PROPERTIES

 DIVISION OF
 OIL, GAS AND MINING

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
1	4301330005	CLYDE MURRAY 1-2A2	SESW-2-1S-2W	DUCHESNE	BLUEBELL	
2	4301330006	STATE 1-10A2	SWNE-10-1S-2W	DUCHESNE	BLUEBELL	
3	4301330009	VIRGIL MECHAM 1-11A2	W/2NE-11-1S-2W	DUCHESNE	BLUEBELL	96107
4	4301330011	VICTOR C BROWN 1-4A2	NESE-4-1S-2W	DUCHESNE	BLUEBELL	
5	4301330017	DOUG BROWN 1-4A2	SESW-4-1S-2W	DUCHESNE	BLUEBELL	
6	4301330030	CHASEL 1-18A1	NWNE-18-1S-1W	DUCHESNE	BLUEBELL	9628
7	4301330031	OLSEN 1-12A2	SWNE-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
8	4301330035	BOREN 1-14A2	NWSW-14-1S-2W	DUCHESNE	BLUEBELL	NW498
9	4301330042	UTE 2-12A3	NESW-12-1S-3W	DUCHESNE	BLUEBELL	1420H621576 Terminated 8-3-93
10	4301330086	L BOREN U 3-15A2	NESW-15-1S-2W	DUCHESNE	BLUEBELL	
11	4301330099	LAMICQ URRUTY U 3-17A2	NWSE-17-1S-2W	DUCHESNE	BLUEBELL	
12	4301330107	L BOREN U 5-22A2	SWNE-22-1S-2W	DUCHESNE	BLUEBELL	
13	4301330115	L BOREN U 4-23A2	SESW-23-1S-2W	DUCHESNE	BLUEBELL	
14	4301330119	VERL JOHNSON 1-27A2	SWNE-27-1S-2W	DUCHESNE	BLUEBELL	
15	4301330120	TOMLINSON FED 1-25A2	SESW-25-1S-2W	DUCHESNE	BLUEBELL	NW537
16	4301330123	L BOREN U 6-16A2	NWSE-16-1S-2W	DUCHESNE	BLUEBELL	
17	4301330125	UTE 3-18A2	NESW-18-1S-2W	DUCHESNE	BLUEBELL	1420H621750
18	4301330130	WOODWARD 1-21A2	SWNE-21-1S-2W	DUCHESNE	BLUEBELL	NW590
19	4301330133	LAMICQ 1-20A2	SWNE-20-1S-2W	DUCHESNE	BLUEBELL	
20	4301330136	UTE 1-6B3	NWNE-6-2S-3W	DUCHESNE	ALTAMONT	14204621778 / 9651
21	4301330142	SMITH UTE 1-18C5	NWNE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
22	4301330143	MAUREL TAYLOR FEE 1-36A2	NESW-36-1S-2W	DUCHESNE	BLUEBELL	
23	4301330200	L ROBERTSON ST 1-1B2	NESW-1-2S-2W	DUCHESNE	BLUEBELL	
24	4301330212	LAMICQ UTE 1-5B2	NWSE-5-2S-2W	DUCHESNE	BLUEBELL	1420H621806 / 9683
25	4301330236	CAMPBELL UTE ST 1-7B1	SESW-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
26	4301330245	SMITH ALBERT 1-8C5	SENE-8-3S-5W	DUCHESNE	ALTAMONT	
27	4301330294	FRESTON ST 1-8B1	NESW-8-2S-1W	DUCHESNE	BLUEBELL	

RECEIVED

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P.DIVISION OF
OIL, GAS AND MINING**UTAH PROPERTIES**

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
28	4301330297	GEORGE MURRAY 1-16B1	SEW-16-2S-1W	DUCHESNE	BLUEBELL	
29	4301330307	UTE ALLOTTED 1-36Z2	NWSE-36-1N-2W	DUCHESNE	BLUEBELL	1420H621676 / 9C124
30	4301330347	LAMICQ URRUTY U 4-5A2	SEW-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SEW-15-2S-1W	DUCHESNE	BLUEBELL	
32	4301330369	STATE 3-18A1	NESW-18-1S-1W	DUCHESNE	BLUEBELL	9C142
33	4301330564	D L GALLOWAY 1-14B2	SWNE-14-2S-2W	DUCHESNE	BLUEBELL	
34	4301330807	MARGUERITE 2-8B2	SEW-8-2S-2W	DUCHESNE	BLUEBELL	96102
35	4301330809	LAMICQ 2-6B1	NWSE-6-2S-1W	DUCHESNE	BLUEBELL	
36	4301330821	DILLMAN 2-28A2	SWNE-28-1S-2W	DUCHESNE	BLUEBELL	
37	4301330903	HAMBLIN 2-26A2	SWNE-26-1S-2W	DUCHESNE	BLUEBELL	
38	4301330912	RACHEL JENSEN 2-16C5	NENW-16-3S-5W	DUCHESNE	ALTAMONT	
39	4301330921	ROBERTSON UTE 2-2B2	NENE-2-2S-2W	DUCHESNE	BLUEBELL	9682
40	4301330975	JOHN 2-3B2	NWNE-3-2S-2W	DUCHESNE	BLUEBELL	
41	4301330995	LAMICQ ROBERTSON STATE 2-1B2	SWNE-1-2S-2W	DUCHESNE	BLUEBELL	
42	4301331009	UTE 2-7A2	CNE-7-1S-2W	DUCHESNE	BLUEBELL	1420462811
43	4301331147	HATCH 2-3B1	SEW-3-2S-1W	DUCHESNE	BLUEBELL	
44	4301331151	NORLING 2-9B1	SWSW-9-2S-1W	DUCHESNE	BLUEBELL	
45	4301331184	SHAW 2-27A2	SESW-27-1S-2W	DUCHESNE	BLUEBELL	
46	4301331190	LAMICQ URRUTY 4-17A2	SEW-17-1S-2W	DUCHESNE	BLUEBELL	
47	4301331191	LAMICQ 2-20A2	SESE-20-1S-2W	DUCHESNE	BLUEBELL	
48	4301331192	BOREN 3-11A2	SWSW-11-1S-2W	DUCHESNE	BLUEBELL	96107
49	4301331203	FRESTON 2-8B1	SWNE-8-2S-1W	DUCHESNE	BLUEBELL	
50	4301331215	WISSE 3-35A2	SWSW-35-1S-2W	DUCHESNE	BLUEBELL	
51	4301331231	MECCA 2-8A2	SESE-8-1S-2W	DUCHESNE	BLUEBELL	
52	4301331232	MARK 2-25A2	NWNE-25-1S-2W	DUCHESNE	BLUEBELL	NW537
53	4301331233	DUNCAN 4-12A2	SWNW-12-1S-2W	DUCHESNE	BLUEBELL	UTU77363
54	4301331235	SWYKES 2-21A2	NWNW-21-1S-2W	DUCHESNE	BLUEBELL	NW590

APR 20 2000

DEVON ENERGY PRODUCTION COMPANY, L.P.

DIVISION OF
OIL, GAS AND MINING

UTAH PROPERTIES

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
55	4301331238	SHERMAN 2-12B2	SWSE-12-2S-2W	DUCHESNE	BLUEBELL	9690
56	4301331245	MILES 7-7B3	SWNW-7-2S-3W	DUCHESNE	ALTAMONT	9675
57	4301331276	DUNCAN 4-2A2	NESE-2-1S-2W	DUCHESNE	BLUEBELL	
58	4301331278	HAMBLIN 3-9A2	SENE-9-1S-2W	DUCHESNE	BLUEBELL	
59	4301331285	DUNCAN 3-7A1	NWNW-7-1S-1W	DUCHESNE	BLUEBELL	
60	4301331286	BAR F 2-5B1	SWSE-5-2S-1W	DUCHESNE	BLUEBELL	
61	4301331299	CORNABY 2-14A2	NENE-14-1S-2W	DUCHESNE	BLUEBELL	NW498
62	4301331317	MITCHELL 2-4B1	SESW-4-2S-1W	DUCHESNE	BLUEBELL	9662
63	4301331321	SMITH 2-9C5	SWSW-9-3S-5W	DUCHESNE	ALTAMONT	
64	4301331322	LORANGER 2-24A2	N/2NE-24-1S-2W	DUCHESNE	BLUEBELL	
65	4301331325	UTE 2-6B3	SWSW-6-2S-3W	DUCHESNE	ALTAMONT	1420H621858 / 9651
66	4301331326	MCELPRANG 2-30A1	SWSW-30-1S-1W	DUCHESNE	BLUEBELL	NW625
67	4301331327	SMITH 2-7C5	NESW-7-3S-5W	DUCHESNE	ALTAMONT	1420H622389
68	4301331328	SMITH 2-18C5	SWSE-18-3S-5W	DUCHESNE	ALTAMONT	1420H622392
69	4301331329	UTE 2-24A3	SWNW-24-1S-3W	DUCHESNE	BLUEBELL	1420H621761
70	4301331330	UTE 5-19A2	NWNW-19-1S-2W	DUCHESNE	BLUEBELL	1420H621751
71	4301331332	EDWARDS 3-10B1	SWSW-10-2S-1W	DUCHESNE	BLUEBELL	
72	4301331333	SUNDANCE 4-15A2	SWNE-15-1S-2W	DUCHESNE	BLUEBELL	
73	4301331334	LORANGER 6-22A2	SWSW-22-1S-2W	DUCHESNE	BLUEBELL	
74	4301331335	COX 2-36A2	NWNW-36-1S-2W	DUCHESNE	BLUEBELL	
75	4301331338	SMITH 2-6C5	SESW-6-3S-5W	DUCHESNE	ALTAMONT	1420H622388 / UTU70553
76	4301331341	FRESTON 2-7B1	SENE-7-2S-1W	DUCHESNE	BLUEBELL	1420H621970 / 9686
77	4301331356	PEARSON 2-11B2	SENE-11-2S-2W	DUCHESNE	BLUEBELL	
78	4301331378	CHAPMAN 2-4B2	SWNW-4-2S-2W	DUCHESNE	BLUEBELL	
79	4301331390	LAMB 2-16A2	NENE-16-1S-2W	DUCHESNE	BLUEBELL	
80	4301331393	LABRUM 2-23A2	SWSW-23-1S-2W	DUCHESNE	BLUEBELL	
81	4301331820	POWELL 2-16B1	NENE-16-2S-1W	DUCHESNE	BLUEBELL	

DEVON ENERGY PRODUCTION COMPANY, L.P.
UTAH PROPERTIES

	<u>API NO.</u>	<u>WELL NAME & NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
87	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

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APR 20 2000

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCE
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE		5. Lease Designation and Serial No. Fee
		6. If Indian, Allottee or Tribe Name
		7. If unit or CA, Agreement Designation
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other		8. Well Name and No. Miles 7-7B3
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, L.C.		9. API Well No. 43-013-31245
3. Address and Telephone No. P.O. Box 290 Neola, Utah 8 4 0 5 3 435-353-4121 or 435-353-5785		10. Field and Pool, or Exploratory Area Bluebell/Altamont-Wastch
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2449' FNL 1210' FWL Section 7, T2S, R3W		11. County or Parish, State Duchesne, Utah

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input checked="" type="checkbox"/> Casing repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Add additional perforations</u>	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 2-28-00 the well quit producing. On 2-29-00 a service rig was moved onto the well for a routine pump change. When pulling the rods the pump stuck at 2865'. The rods were backed off at 425' and an attempt made to pull the 2 1/16" sidetracking and the 2 7/8" tubing. Both strings were stuck. The rods pulled from the well were laid down and the rig moved off of location on 3-3-00. On 3-6-00 water was pumped down the 7" casing with a responding blow on the 9 5/8"-7" annulus, then down the 9 5/8"-7" annulus with a blow on the 7" casing indicating communications and either parted or collapsed casing. A workover procedure and AFE was prepared for the casing repair and the subsequent perforation of additional Wasatch intervals. A summary of the proposed workover is as follows: The casing repair is estimated to start on 3-15-00.

Fish rods, pump, and both tubing strings, repair the casing part or collapse.
Run production equipment and pump the well to clean up and pump back fluid used during the fishing job and to determine the production volumes.
Pull production equipment, acidize existing Lower Wasatch perforations 12,673-13,090' (13 intervals, 79', 158 holes) with 4000 gals 15% HCL acid with 240 balls for diversion. Swab back.
Perforate additional Wasatch 11,085 - 11,164'.
Acidize existing perforations and the new perforations in the interval 11,000-11,834' with 13,000 gals of 15% HCL acid with balls and BAF for diversion. Swab test.
Perforate additional Wasatch and LGR 9854-11,020' (22 intervals, 80', 124 holes). Acidize with 5000 gals 15% HCL with 186 balls for diversion. Swab test. Return to production with all intervals commingled.

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

Signed John Kully Title Sr. Petroleum Engineer Date 3-May-00

(This space of Federal or State office use.)

Approved by _____ Date: 5-18-00 Title _____ Date _____
Initials: CKD

Conditions of approval, if any: _____

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCE
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

Fee

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Miles 7-7B3

9. API Well No.

43-013-31245

10. Field and Pool, or Exploratory Area

Bluebell/Altamont-Wasatch

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

RECEIVED

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY, L.C.

3. Address and Telephone No.

P.O. Box 290 Neola, Utah 8 4 0 5 3 435-353-4121 or 435-353-5785

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2449' FNL 1210' FWL Section 7, T2S, R3W

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Add additional perforations</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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Fish rods, pump, and both tubing strings, repair the casing part or collapse.

Run production equipment and pump the well to clean up and pump back fluid used during the fishing job and to determine the production volumes.

Pull production equipment, acidize existing Lower Wasatch perforations 12,673-13,090' (13 intervals, 79', 158 holes) with 4000 gals 15% HCL acid with 240 balls for diversion. Swab back.

Perforate additional Wasatch 11,085 - 11,164'.

Acidize existing perforations and the new perforations in the interval 11,000-11,834' with 13,000 gals of 15% HCL acid with balls and BAF for diversion. Swab test.

Perforate additional Wasatch and LGR 9854-11,020' (22 intervals, 80', 124 holes). Acidize with 5000 gals 15% HCL with 186 balls for diversion. Swab test. Return to production with all intervals commingled.

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

Signed John Pulley Title Sr. Petroleum Engineer Date 3-May-00

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Devon Energy Production Compny, L.C.

3. Address and Telephone No.
P.O. Box 290, Neola, UT 84053

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2449' FNL 1210' FWL SEC 7, T2S, R3W

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name
Fee Surface Tribal Minerals

7. If unit or CA, Agreement Designation
96-75

8. Well Name and No.
Miles 7-7B3

9. API Well No.
43-013-31245

10. Field and Pool, or Exploratory Area
Altamont/ Wasatch

11. County or Parish, State
Duchesne Utah

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Plug and Abandon the wellbore as follows: See the attached diagram and summary of events for history of recent work to repair casing;

Set 9 5/8" packer at 2800'. Pump 238 sks 50/50 Pozmix with 1/4 #/sk of celloflakes. This volume will cover the perforated interval plus 50% excess. Displace to the bottom of the 2 7/8" tubing at 10,386 or to a pressure increase.

WOC a minimum of 6 hours.

Fill hole with formation water.

Reset the packer at 2800', establish an injection rate into the 7" 9 5/8" annulus if possible. Maximum pressure 1000 psi.

If able to pump into the 7" 9 5/8" annulus, TOH with packer, run and set a cement retainer at 2800', cement squeeze 50 sks "G" below the retainer. If unable to pump into the interval, run tubing open ended and spot a 100' plug from 2850-2750'.

Spot a 50' plug at surface.

Cut 9 5/8" off below the original GL before the pad was built and weld a plate on top.

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JUN 14 2000
DIVISION OF OIL, GAS AND MINING

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

Signed John Pulley Title Sr. Petroleum Engineer Date 6/8/00

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

**Approved by the
Utah Division of
Oil, Gas and Mining**

COPY SENT TO OPERATOR
Date: 6/21/00
Initials: [Signature]

Date: 6-21-00

By: [Signature]

DEVON ENERGY PRODUCTION COMPANY, L.C.

MILES 7-7B3
SECTION 7, T2S, R3W
DUCHESNE COUNTY, UTAH

SUMMARY OF EVENTS FROM 2/29/00 TO 6/5/00

- 2-29 MIRU for a suspected tubing leak.
- 2-30 Worked pump off seat, dragging, flushed well and pulled rods to 3200'.
- 3-2 Pulled rods, stuck pump at 2865'. Backed off rods at 425'. Nipped up BOP and attempted to pull the 2 1/16" side string. Stretch indicates stuck at 2400'. Landed 2 1/16" string, laid down rods.
- 3-3 Cleaned cellar, pumped down 7" casing, blow on 7" - 9 5/8" annulus, reversed and had slight blow on 7" while pumping down annulus. RD
- 5-5 Rigged up pump truck, pumped down 7" and try to establish returns up 7" - 9 5/8" annulus to determine depth of communications. Unable to get returns. Reversed and pumped, no returns on 7".
- 5-18 MIRU, Run 1" rods and backed off and recovered all remaining rods in the hole. Ran 1" rods and attempt to knock pump stuck at 2880' downhole. No movement
- 5-19 Run in the 2 1/16" tubing with freepoint tool, tagged up at 2844', free at that depth. Run in 2 7/8" string with freepoint tool, tag at 2869'. Run in and cut the 2 1/16" tubing at 2795', Pull and lay down 2 1/16" tubing. Run in and cut the 2 7/8" tubing at 2820', pull 88 jts of tubing.
- 5-22 Test rig anchors, nipple down wellhead, attempt to pick up the 7" casing with the rig. No movement at 170,000 lbs.
- 5-23 Ran casing inspection log in 7" casing from surface to 2796'. No indication of holes, split or parted casing. Rig up casing jacks, pulled up to 280,000 lbs with jacks, unable to pull or part 7" casing.
- 5-24 RIH and latched onto 2 1/16" tubing string. Freepoint indicated free to 3150' Ran split and backoff shot in collar at 3147'. No movement.

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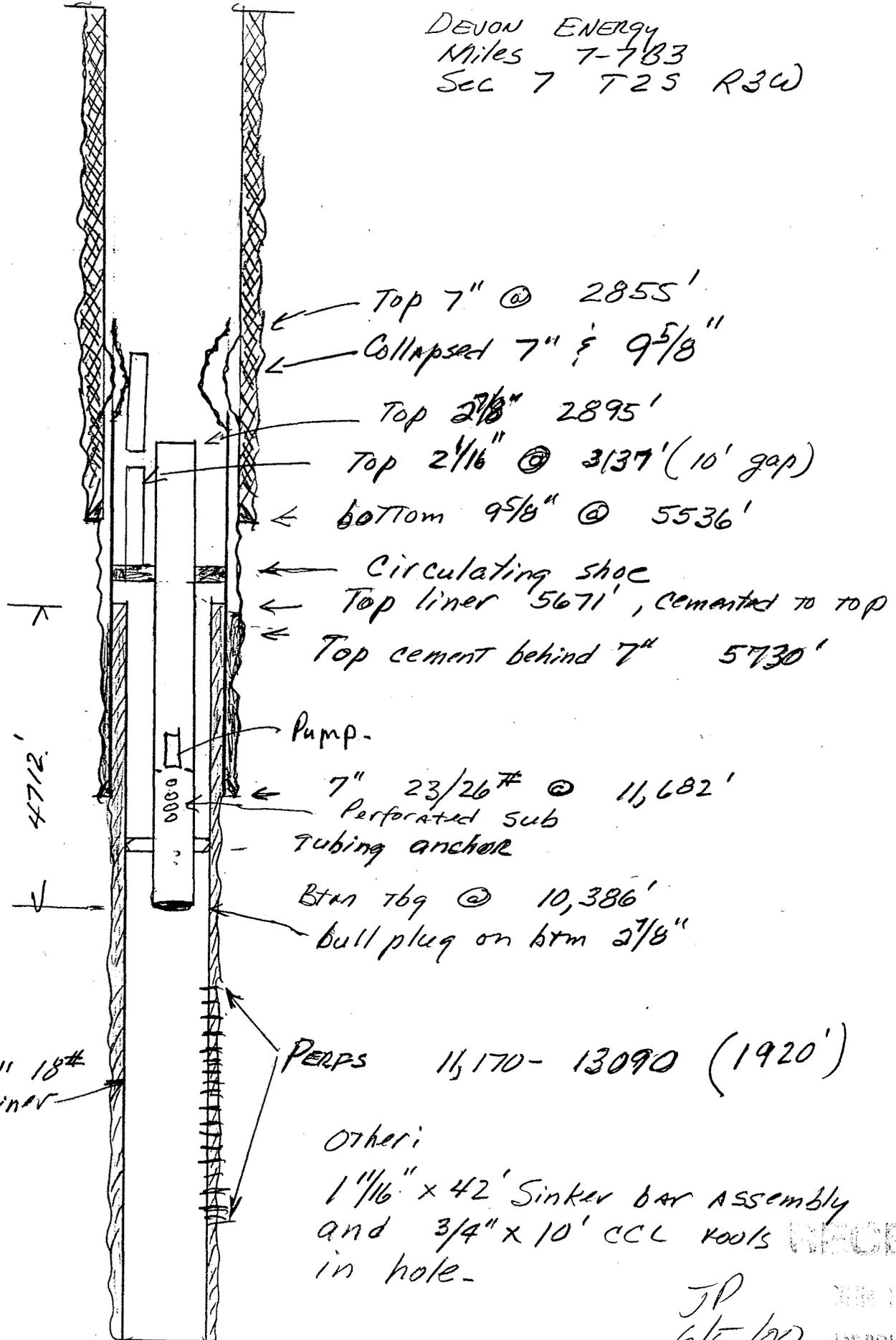
- 5-25 Jarred on the 2 1/16" string, moved uphole 10' and came free, TOH, found tubing had parted in a coupling with top in the collapsed casing at 2848'. TIH and latch onto the 2 7/8" tubing string. RIH with spudder bar assembly on wireline, knocked the pump loose at 2883'. RIH to 5750' with spudding assembly, pulled 150 lbs over from 2870 to 2850'. Run freepoint tool, 2 7/8" free at 2840', slight movement at 2866'.
- 5-26 Cut 2 7/8" tubing at 2889'. Jarred on fish and pulled free, pulled up hole 140'. RIH with 3/4" by 10' collar locator tool, stuck tool at 2871', pulled out of rope socket. Finished TOH with tubing, laid down 64.4' of 2 7/8" tubing. Top of 2 7/8" tubing now at 2896'. Collar locator indicated the 2 1/16" was stuck in the collapsed interval.
- 5-30 Rig up casing jacks, work the casing for stretch calculations, indicates casing free to 4400'. RIH with splitter shot and attempt to split a 7" casing collar at 2893'. No change in weight after the shot. While pulling out of the hole the tool hung up in the casing spear, pulled out of the rope socket and fell down hole. The tool is 1 - 11/16" by 42'. Worked casing with casing jacks up to 300,000 lbs, unable to pull out of the collar. Recalculated stretch calculations which show casing free to 4437'.
- 5-31 TIH with splitter and sinker bars. Tag up at 2854', stuck tool. Set off the splitter shot to free the tool, POH with sinker bars. Weight indicator indicated the casing came free. Rig up to pull casing.
- 06-01 POH and lay down 65 jts of casing. Casing had pulled out of a collar above the collapse. Top of the 7" at 2853'.
- 06-02 Run 8 5/8" Concave mill to mill 7" casing collar, mill 10".
- 06-04 Mill additional 8", TOH. Mill shows casing pattern off center and out of gauge on outside. TIH with a 8 1/2" washover shoe to wash over 7" casing. Milled for 3 hours, made 6" of hole with high torque while milling.
- 06-05 TOH with washover shoe. Showed wear 6" up on inside and outside of shoe beveled in indicating collapsed 9 5/8" casing. Laid down all the equipment, rig down and prep to move out rig. Cost \$130,000.

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OIL, GAS AND MINES

DEVON ENERGY
 Miles 7-783
 Sec 7 T25 R3W



Other:
 1 1/16" x 42' Sinker bar assembly
 and 3/4" x 10' CCL tools
 in hole.

JP
 6/5/00

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 JUN 14 2000
 DIVISION OF
 OIL, GAS AND MINING

60 SHEETS 3 SQUARE
 42 381 100 SHEETS 3 SQUARE
 42 380 200 SHEETS 3 SQUARE
 NATIONAL

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5-87 ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **04-1-2000**

FROM: (Old Operator):
PENNZOIL COMPANY
Address: P. O. BOX 290
NEOLA, UT 84053
Phone: 1-(435)-353-4121
Account No. N0705

TO: (New Operator):
DEVON ENERGY EXPL & PROD CO LP
Address: 20 NORTH BROADWAY STE 1500
OKLAHOMA CITY, OK 73102-8260
Phone: 1-(405)-235-3611
Account N1275

CA No.

Unit:

WELL(S)

NAME	CA	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CHASEL 1-18A1	CA (9628)	43-013-30030	5805	18-01S-01W	FEE	OW	P
STATE 3-18A1	CA (9C142)	43-013-30369	5810	18-01S-01W	FEE	OW	P
MCELPRANG 2-30A1	CA (NW625)	43-013-31326	11252	30-01S-01W	FEE	OW	P
VIRGIL MECHAM 1-11A2	CA (96107)	43-013-30009	5760	11-01S-02W	FEE	GW	P
BOREN 3-11A2	CA (96107)	43-013-31192	5472	11-01S-02W	FEE	OW	P
OLSEN 1-12A2	CA (UTU77363)	43-013-30031	5880	12-01S-02W	FEE	OW	S
BOREN 1-14A2	CA (NW498)	43-013-30035	5885	14-01S-02W	FEE	OW	P
CORNBY 2-14A2	CA (NW498)	43-013-31299	11228	14-01S-02W	FEE	OW	P
MITCHELL 2-4B1	CA (9662)	43-013-31317	11231	04-02S-01W	FEE	OW	P
ROBERTSON UTE 2-2B2	CA (9682)	43-013-30921	5472	02-02S-02W	FEE	OW	P
MARGUERITE 2-8B2	CA (96102)	43-013-30807	2303	08-02S-02W	FEE	OW	S
SHERMAN 2-12B2	CA (9690)	43-013-31238	11009	12-02S-02W	FEE	OW	P
MILES 7-7B3	CA (9675)	43-013-31245	11025	07-02S-03W	FEE	OW	S
CHRISTIANSSEN 2-12B1	CA (96101)	43-047-32178	11350	12-02S-01W	FEE	OW	P
ROBERTSON UTE ST 1-12B1	CA (96101)	43-047-30164	5475	12-02S-01W	FEE	OW	S
MAY UTE FEDERAL 1-3B1	CA (9675)	43-047-30176	5435	13-02S-01W	FEE	OW	P
RICH 2-13B1	CA (9675)	43-047-32744	12046	13-02S-01W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/20/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/20/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/12/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 11/22/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/22/2000
3. Bond information entered in RBDMS on: 11/22/2000
4. Fee wells attached to bond in RBDMS on: 11/22/2000

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 71S100753026-70
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/26/2000

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 2-26-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

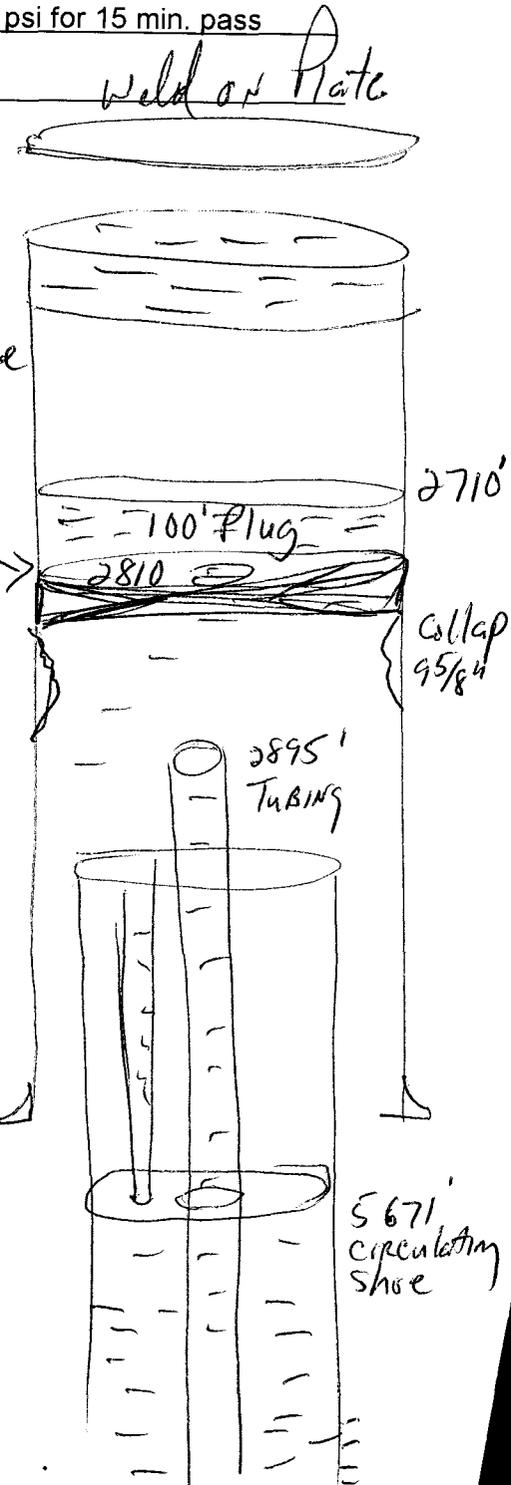
PLUGGING OPERATIONS

Well Name: Miles 7-7B3 API Number: 43-013-31245
 Qtr/Qtr: _____ Section: 7 Township: 2S Range: 3W
 Company Name: Devon Energy Production Company
 Lease: State _____ Fee X Federal _____ Indian _____
 Inspector: Dennis L. Ingram Date: November 21, 2000

Casing Tested: YES X NO _____ Results: test to 1000 psi for 15 min. pass

Cementing Company: BJ

Draw a wellbore diagram as plugged:



COMMENTS: Set 9 5/8" cement retainer @ 2810' and
test tubing to 2000 psi and casing to 1000 psi—both tests
were good. Pump 53 1/2 bbls or 238 sxs 50/50 poz and
displace with 191 bbls of water. Injection rate into perms was
2 bpm @ -17 psi before squeeze. Squeeze pressure was
up to 500 psi at less than 1 bpm—see job ticket. Wait
overnight and tested squeeze with 500 psi the following
morning, and held 500 psi. Sting out of retainer, pooh and
lay down stinger. TIH open ended and spot 100' plug (45 sxs G)
on top of retainer. POOH to 60' and spot 50' plug (20 sxs G)
and nipple down stack. A plate will be installed at another later
time. Devon will notify DOGM to witness same.

9 5/8" Shoe @
5536'

Attach copy of cement ticket if available.



CEMENT JOB REPORT

CUSTOMER DEVON ENERGY CORP		DATE 21-NOV-00	F.R.# 273210053	SERV. SUPV. Jerry Meyer					
LEASE & WELL NAME Miles 7-7B3 - API 43013312450000		LOCATION Sec.7,T2S,R3W		COUNTY-PARISH-BLOCK Duchesne Utah					
DISTRICT Vernal		DRILLING CONTRACTOR RIG # Key		TYPE OF JOB Plug & Abandon					
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES					
				SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
MATERIALS FURNISHED BY BJ									
238 SX 50:50+2%Gel+.3%R-3+.25#/SX C.F.				14.2	1.26	5.7	05:42	53.4	32.29
Formation Water				8.4				142	
45 SX"G"				15.8	1.15	5	03:00	9.2	5.35
Formation Water				8.4				15.5	
20SX"G"				15.8	1.15	5	03:00	4	2.32
Available Mix Water _____ Bbl.				Available Displ. Fluid _____ Bbl.		TOTAL		224.1	39.97

HOLE			TBG-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
			2.875	6.5	TBG	2811	J-55			

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
5	18	CSG	14000	Ball Check Cement Retainer,		2811	11170	1390	2.875	8RD		
7	23	CSG	5671									
9.625	40	CSG	2855									

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER SOURCE
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SG. PSI	RATED	Operator	RATED	Operator	
142	BBLs	Formation \	8.4	0	850	500	7760	6208	3950	3160	Tank
		Formation \	8.4								

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 2000 PSI					
						CIRCULATING WELL - RIG <input type="checkbox"/> BJ <input checked="" type="checkbox"/>					
10:24		77	3	190	FORMATIO	START LOAD HOLE					
11:26		0				SHUT DOWN CLOSE RAMS					
11:27		100	.3	1		START PRESSURE TEST					
11:30		980				SHUT DOWN SWITCH TO TUBING					
11:32	24		2	11	FORMATIO	START INJECTION RATE					
11:37	50		4	5	H2O	START FRESH WATER SPACER					
11:39	0					SHUT DOWN BATCH UP CEMENT					
11:49	169		3.5	53.4	CEMENT	START CEMENT SLURRY					
12:02	75		3.5	105	FORMATIO	START DISPLACEMENT					
12:37	214		2	10		SLOWED RATE					
12:42	140		1	13		SLOWED RATE					
12:58	250					SHUT DOWN					
13:08	0		1	4		START PUMPING					
13:12	300					SHUT DOWN					
13:24	0		1	3.5		START PUMPING					
13:28	445		.25	1.5		SLOWED RATE					
13:32	450					SHUT DOWN STUNG OUT OF TOOL					
13:35		260	2.8	28		START REVERSE OUT					
13:45	0					SHUT DOWN STING BACK INTO TOOL					
13:49	60		.25	1		START PUMPING					
13:52	516					SHUT DOWN					
14:02	224		.2	1		START PUMPING					
						SHUT DOWN					



SUPPLEMENTAL CEMENT JOB REPORT

Field Receipt # 273210053

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CUSTOMER DEVON ENERGY CORP	DATE 21-NOV-00	F.R. # 273210053	SERV. SUPV. Jerry Meyer
LEASE & WELL NAME - OCSG Miles 7-7B3 - API 43013312450000	LOCATION Vernal		COUNTY-PARISH-BLOCK Duchesne Utah
DISTRICT Vernal	DRILLING CONTRACTOR RIG # Key		TYPE OF JOB Plug & Abandon

PRESSURE/RATE DETAIL							EXPLANATION
TIME HR:MIN	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE		
	PIPE	ANNULUS					
14:28	230		2	.75			START PUMPING
14:33	0						SHUT DOWN
15:03	0		2	.75			START PUMPING
15:05	100						SHUT DOWN
15:37	60		2	.75			START PUMPING
15:43	400						SHUT DOWN
15:58	220		2	.75			START PUMPING
16:01	470						SHUT DOWN STUNG OUT OF TOOL
							2ND DAY
08:00	75		2.3	3	FORMATIC		LOAD HOLE
08:02	30		9	1.5			SLOWED RATE
08:04	125						SHUT DOWN STUNG INTO TOOL
08:06	125		2	.5	FORMATIC		PRESSURE TEST SQUEEZE
08:07	500						SHUT DOWN
08:08	400						BLED BACK
08:11	200		2	.5			PRESSURE BACK UP
08:13	500						SHUT DOWN CLOSE IN AT MANIFOLD
08:18	500						TESTED
08:18	0						BLEED OFF STUNG OUT OF TOOL
							FIRST PLUG (45SX"G")SET @2811 TO 2700
11:31	25		2	6	H2O		START WATER SPACER
11:34	0						SHUT DOWN BATCH UP CEMENT
11:42	25		2	9.2	CEMENT		START CEMENT SLURRY
11:45	20		2	.5	H2O		START FRESH WATER SPACER
11:45	15		2	15			START DISPLACEMENT
11:51	0						SHUT DOWN
							2ND PLUG SET @ 50 TO SURFACE
13:00	0		1.5	7	H2O		LOAD HOLE
13:04	0						SHUT DOWN
13:13	10		1	4	CEMENT		START CEMENT SLURRY
13:17	10		1	1	H2O		START DISPLACEMENT
13:18	0						SHUT DOWN

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. CMT PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERV. SUPV.
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	0	449.6	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>Jerry Meyer</i>

