

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 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

CONFIDENTIAL

2. NAME OF OPERATOR
PENNZOIL Exploration & Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1104' FNL & 920' FWL
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
About 8.5 miles Southwest of Neola, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
210'
920'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2,408'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5910' GL (UNGRADED) & estimated @ 5904.3' graded

5. LEASE DESIGNATION AND SERIAL NO.
Fee Land

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Swykes

9. WELL NO.
2-21A2

10. FIELD AND POOL, OR WILDCAT
Bluebell Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NWNW
Sec. 21, T1S, R2W.

12. COUNTY OR PARISH
Duchsene

13. STATE
UT

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

19. PROPOSED DEPTH
14,600'

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
6-20-89

RECEIVED
JUN 09 1989

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	40.0	4,900'	2950 ft3
8 3/4"	7"	23,26,29	14,600'	2500 ft3

- Enclosed attachments: a. Certified Location Plat.
b. Drilling Plan.
c. BOP Schematic.
d. Map showing roadway to wellsite.
e. Schematic showing...rig layout on wellsite.
...wellsite cross-sections.
- Temporary Water Permit No. t89-43-2 per claim 7301 & application 42016
Back up temporary water Permit No. t89-43-3 per right 43-3082
- 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. Office (801) 353-4397 Home (801) 781-0620
SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE 6-7-89

(This space for Federal or State office use)
PERMIT NO. 43-013-31235 APPROVAL DATE _____

UT-19SWY
CREATED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE 6-19-89
BY John R. Baya
WELL SPACING: Case No. 139-42

*See Instructions On Reverse Side

**PENNZOIL EXPLORATION
& PRODUCTION COMPANY**

Well location, SWYKES #2-21A2, located as shown in the NW 1/4 NW 1/4 of Section 21, T1S, R2W, U.S.B.&M. Duchesne County, Utah.

T1S, R2W, U.S.B.&M.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 21, T1S, R2W, U.S.B.&M. TAKEN FROM THE NEOLA QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5906 FEET.



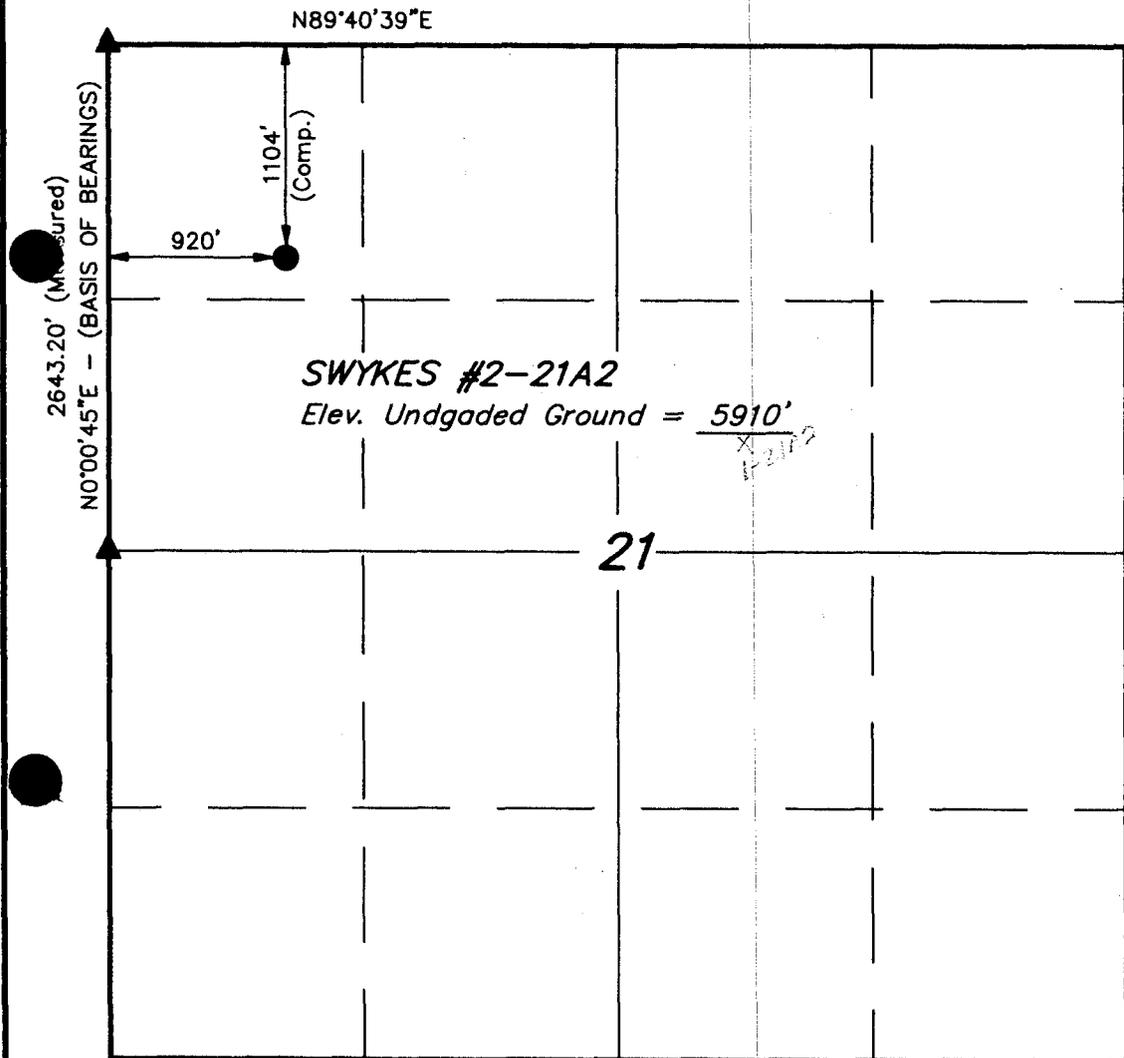
CERTIFICATE

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

John J. [Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST (801) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6-7-89
PARTY L.D.T. D.B. J.R.S.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE PENNZOIL EXPLR. & PROD. CO.



NOTE:

BEARINGS SHOWN ALONG THE NORTH & WEST LINES OF THE NW 1/4 OF SEC. 21 WERE TAKEN FROM THE SUNDANCE RANCH SUBDIVISION UNIT C SUBDIVISION PLAT.

▲ = SECTION CORNERS LOCATED.

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

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

June 7, 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

RECEIVED
JUN 09 1989

Re: APD for:
Swykes No. 2-21A2
1104' FNL & 920' FWL
NWNW Section 21, T1S, R2W
Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

Gentlemen:

The original and two copies of captioned APD with attachments are enclosed for your review and I trust your approval. Pennzoil 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 EXPLORATION & PRODUCTION COMPANY
 WELL:.....Swykes No. 2-21A2
 WELL LOCATION:.....1104' FNL, 920' FWL
 NWNW Section 21, T1S, R2W
 Duchesne County, Utah

1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

Duchesne River	at surface (surface formation)
Green River	6,677'
Trona	8,046'
MB	8,894'
TGR3 (H)	10,142'
K (CP70)	11,019'
Top of RED WEDGE	11,484'
CP 200	13,472'
CP 216	13,909'
TFL(Three Fingered Lime) @	14,274'
Total Depth	14,600'

2. ESTIMATED OIL & WATER DEPTHS:

Water:.....None anticipated
 Top Green River production....oil @ 8,500'
 Top Wasatch production.....oil @ 12,111'

3. PROPOSED CASING PROGRAM:

- A. 16" conductor to be set and cemented at a proposed depth of 60'.
- B. 9 5/8", 36.0#, K-55, ST&C to be set and cemented at a proposed depth of 4,900'.

 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 at a proposed depth of 14,900'.

 Cement: Low density filler cement to surface. Tail in with Cl "G" or "H" tailored to depth and temperature.
- D. If needed: 5", 18#, N-80, FL4S, integral joint liner will be set and cemented. This liner is not planned nor anticipated.

 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 5000 Psi.
- 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 casing strings to 0.22 psi per foot of depth or 1,500 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 wellbore.

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 Green River to Total Depth.

5. PROPOSED DRILLING FLUID PROGRAM:

- A. 16" conductor & surface hole: Drill this interval of the well bore with clear fresh water. Drill solids will be flocculated with lime to keep the water clean. Lime & bentonite will be used as needed.

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

- B. Productive Interval: Drill out with fresh water. Use viscous sweeps to keep the well bore clean and a flocculent to keep the make-up water clean.

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

Should well conditions dictate the mud will be dispersed.

Final fluid properties: 13.5/14.0#, 40/45 Vis, 10/15 WL and a YP of 10/20.

6. 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. Probably treatment, 100gals. 7 1/2% and/or 15% HCL per foot of perfs.
- E. The DRILLING RIG will be released when production casing is on bottom and cemented in place. A completion unit will move onto the well for casing clean out and completion work using only a double ram BOP stack.

7. PRESSURES & TEMPERATURES:

A. PRESSURE:

At Total Depth 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_± degrees at 14,600'.

8. ANTICIPATED STARTING DATE:

~~Construction of road and location will probably start~~
with-in three (3) days of approval.

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

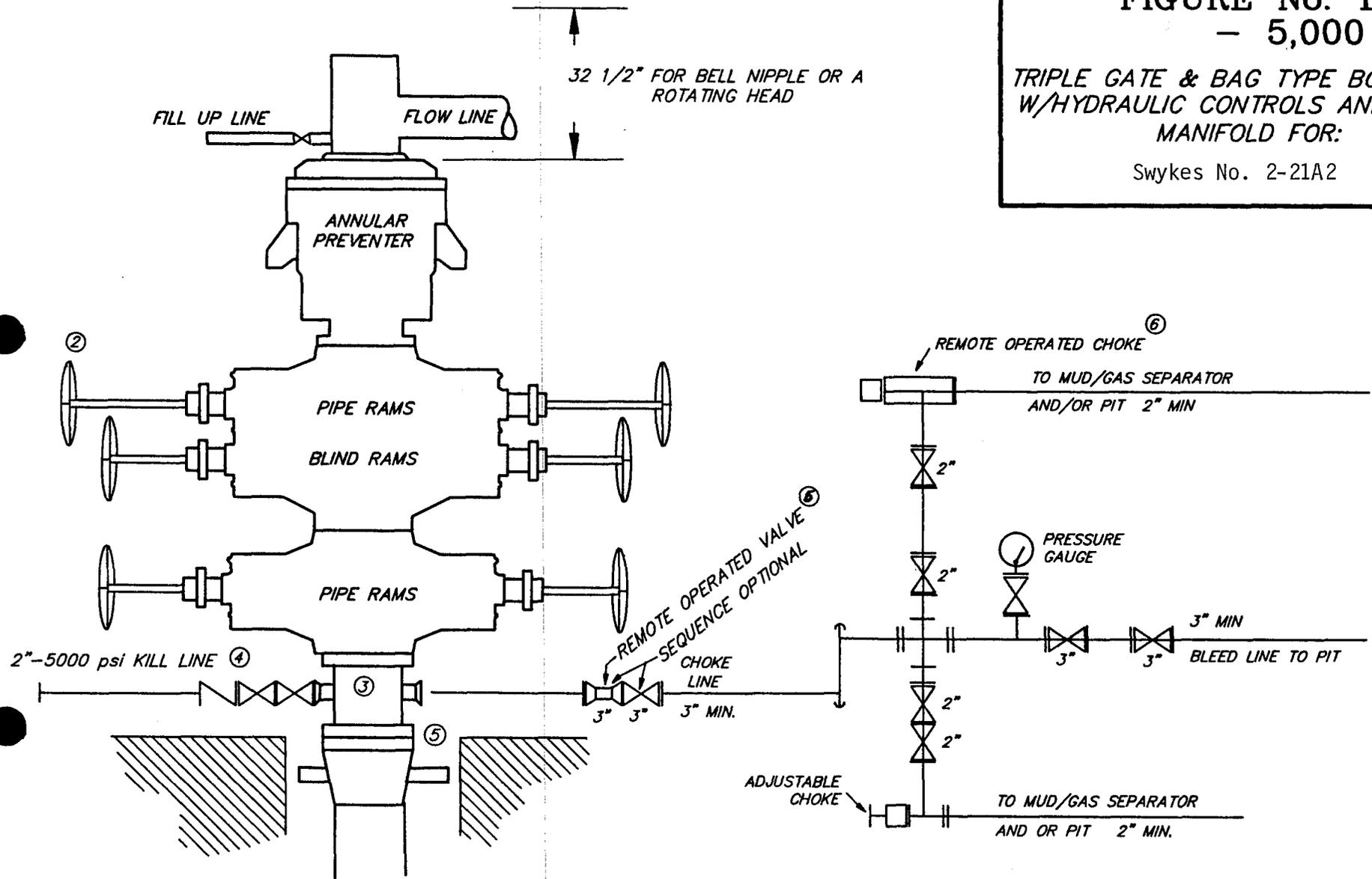
State of Utah Natural Resource
Oil, Gas & Mining Division

UT-10SWY

FIGURE No. 1
- 5,000 psi ^①

**TRIPLE GATE & BAG TYPE BOP STACK
 W/HYDRAULIC CONTROLS AND CHOKE
 MANIFOLD FOR:**

Swykes No. 2-21A2



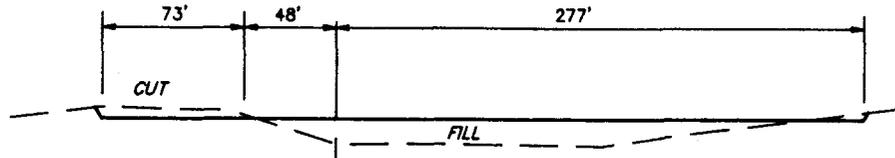
- ① = ALL BOP CONNECTIONS SUBJECTED TO WELL PRESSURE SHALL BE FLANGED, WELDED OR CLAMPED.
- ② = HAND WHEELS FOR EACH SET OF RAMS UNLESS EQUIPPED WITH AUTO LOCK.
- ③ = DRILLING SPOOL UNLESS BOTTOM BOP EQUIPPED WITH SIDE OUTLETS.
- ④ = KILL LINE W/2-2" VALVES & 1-2" CHECK VALVE WITH KILL LINE TO OUTER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

PENNZOIL EXPLR. & PROD. CO.

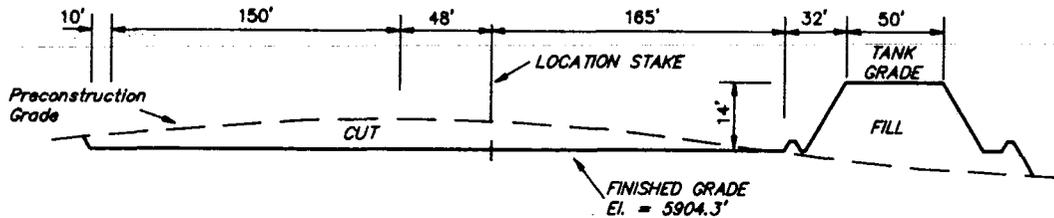
LOCATION LAYOUT FOR

SWYKES #2-21A2

SECTION 21, T1S, R2W, U.S.B.&M.

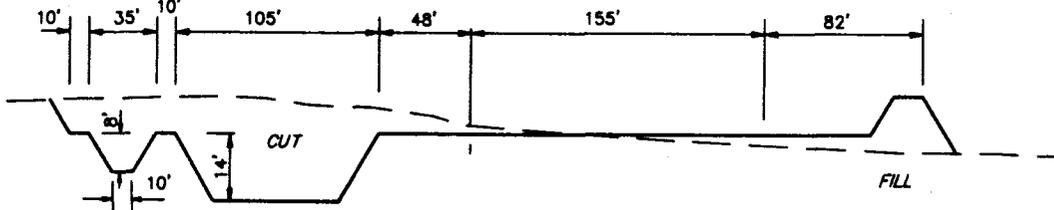


STATION 3+85.00

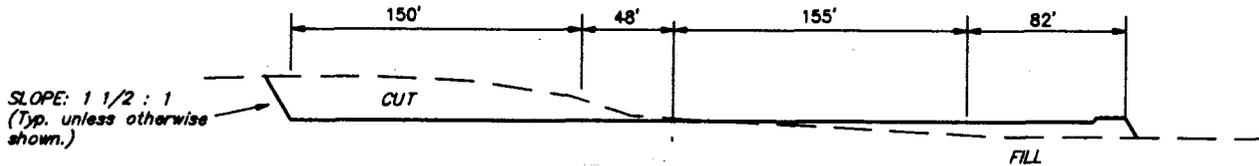


STATION 1+90.00

1" = 40'
X-Section
Scale
1" = 100'
DATE: 6-7-89



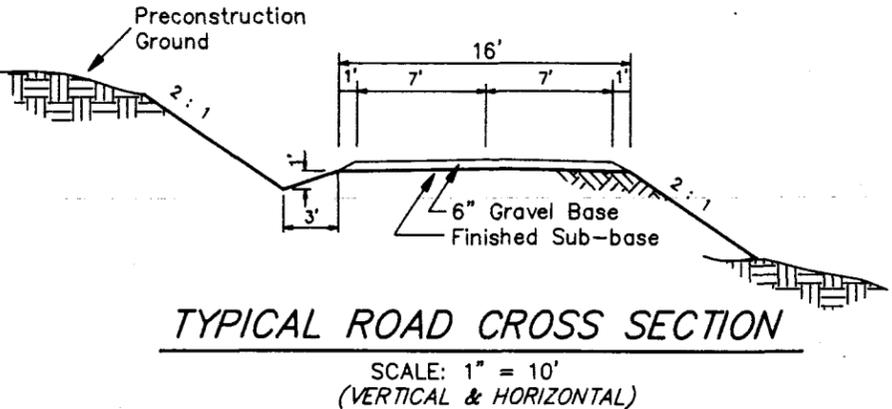
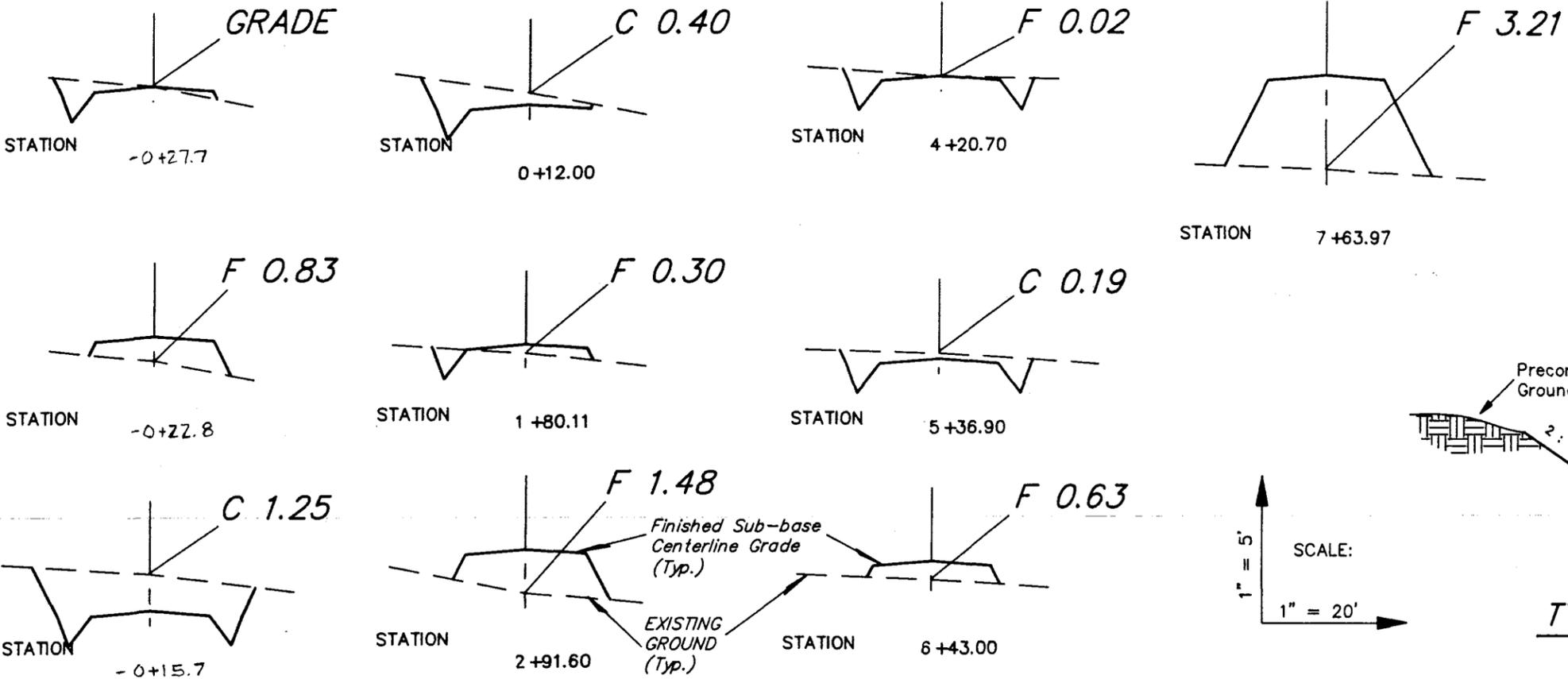
STATION 0+70.00



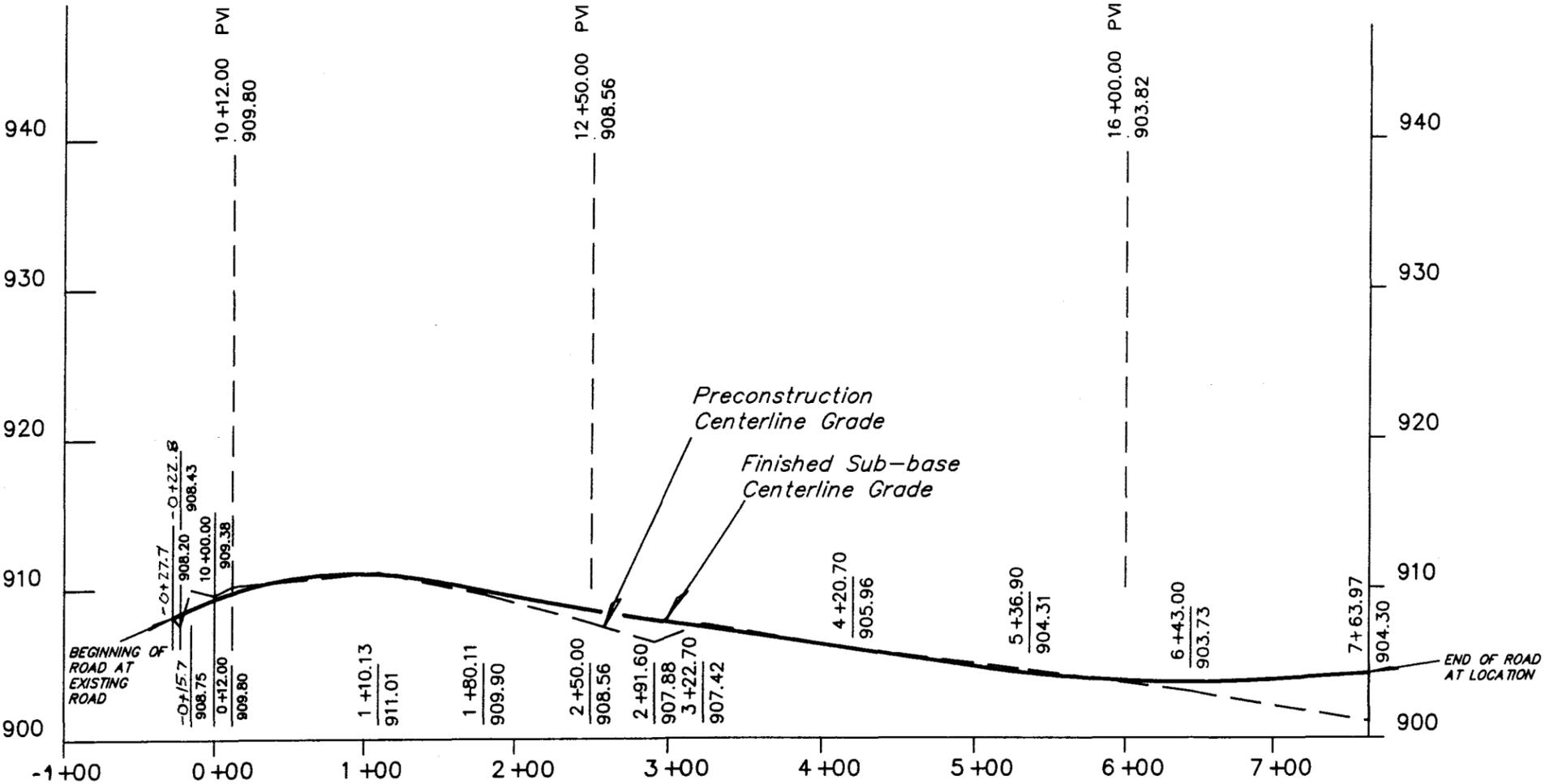
STATION 0+00

PENNZOIL EXPLR. & PROD. CO.
**ROAD PROFILE
 & CROSS SECTIONS**
 (FOR SWYKES 2-21 A2)

LOCATED IN
 SECTION 21, T1S, R2W, U.S.B. & M.
 DUCHESNE COUNTY, UTAH



SCALE:
 1" = 5'
 1" = 20'



SCALE:
 1" = 10'
 1" = 100'

7 JUNE, 1989

APPROXIMATE YARDAGES

TOTAL CUT = 184 Cu. Yds.
 TOTAL FILL = 275 Cu. Yds.

EXCESS UNBALANCE
 AFTER 10% COMPACTION = 110 Cu. Yds >

NOTE: THE DEFICIT IS AT THE END OF THE ROAD NEXT TO THE LOCATION. EXCESS YARDAGE FROM LOCATION IS TO BE PLACED ON THE ROAD TO MAKE UP FOR DEFICIT.

UELS UTAH ENGINEERING & LAND SURVEYING
 P. O. BOX 1758 - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

APPLICATION FOR TEMPORARY CHANGE OF WATER

STATE OF UTAH

Rec. by _____
 Fee Paid \$ _____
 Receipt # _____
 Microfilmed _____
 Roll # _____

For the purpose of obtaining permission to make a temporary change of water in 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 Section 73-3-3 Utah Code Annotated 1953, as amended.

TEMPORARY CHANGE APPLICATION NO. t89-43-2

Proposed changes: point of diversion [], place of use [X], nature of use [].

1. NAME: Gulf Oil Corp Phone: (801)353-4397
 c/o Pennzoil Company
 ADDRESS: P.O. Box 290 Neola, UT 84053
 Interest: 100%

2. FILING DATE: April 18, 1989

3. RIGHT EVIDENCED BY: 43-7301 (A42016)

HERETOFORE referenced from Water Right: 43-7301

4. FLOW: 0.015 cfs

5. SOURCE: Underground Water Well

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION:
 (1) N 820 ft. E 2172 ft. from W $\frac{1}{2}$ corner, Section 29, T1S, R2W, USBM
 Diameter of Well: 6 ins. Depth: 400 ft.

8. NATURE OF USE:
 INDUSTRIAL: Oil Well Drilling Purposes
 PERIOD OF USE: January 1 to December 31

9. PLACE OF USE:

Sec 29, T1S, R2W, USBM

NORTH-EAST $\frac{1}{4}$	NORTH-WEST $\frac{1}{4}$	SOUTH-WEST $\frac{1}{4}$	SOUTH-EAST $\frac{1}{4}$
NE NW SW SE			
: : :	: : : X	: : :	: : :

THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

10. FLOW: 0.015 cfs

11. SOURCE: Underground Water Well

12. COUNTY: Duchesne

COMMON DESCRIPTION: 9 Mi. NW of Roosevelt, Ut.
 Continued on Next Page

13. POINT(S) OF DIVERSION: Same as HERETOFORE

14. PLACE OF USE: Changed as follows:

Sec 8, T1S, R2W, USBM
 Sec 21, T1S, R2W, USBM

NORTH-EAST NE NW SW SE	NORTH-WEST NE NW SW SE	SOUTH-WEST NE NW SW SE	SOUTH-EAST NE NW SW SE
X: X: X: X			
X: X: X: X			

15. NATURE OF USE: Same as HERETOFORE

The undersigned hereby acknowledges that even though he/she may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

Wilburn L. Luna

Signature of Applicant

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: PENNZOIL E & P WELL NAME: SWYKES 2-21A2
SECTION: 21 TWP: 1S RNG: 2W LOC: 1104 FNL 920 FWL
QTR/QTR NW/NW COUNTY: DUCHESNE FIELD: BLUEBELL
SURFACE OWNER: MR. PROGRESS ACCESS OWNER: JAMES BLACKETT
SPACING: 660 F SECTION LINE 1320 F ANOTHER WELL
INSPECTOR: BRAD HILL DATE AND TIME: 6/5/89 12:30 PM

PARTICIPANTS: WIL LUNA-PENNZOIL

REGIONAL SETTING/TOPOGRAPHY: Northern Uinta Basin/The well site is located on a north dipping nose with minor slopes to the east and west. There are no drainages near the location.

LAND USE:

CURRENT SURFACE USE: None

PROPOSED SURFACE DISTURBANCE: A rectangular shaped pad will be constructed approximately 450'X 385' including the reserve pit and tank battery. An access road will be constructed approximately .3 miles in length.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Sage, Saltbush, Rabbitbrush, Prickly Pear, Juniper, sparse grass/Deer, Rabbits, Birds, Insects

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Loose eolian sand which has been partially stabilized by vegetation.

SURFACE FORMATION & CHARACTERISTICS: Quaternary eolian sand overlying the Duchesne River Formation.

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation other than minor eolian processes. The surface is relatively stable in a natural state but highly erodible in a disturbed state. The pad and the access road will be stabilized with roadbed gravel.

PALEONTOLOGICAL POTENTIAL: None observed.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Green River-8500', Wasatch-12,111'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Gravel will be hauled in to surface the pad and access road.

SITE RECLAMATION: If well is P&A reclamation will be done as per landowner instructions.

RESERVE PIT

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

LINING: Pennzoil has agreed to line the reserve pit with a synthetic liner material which I have examined and found to be sufficient.

MUD PROGRAM: The well will be drilled with fresh water mud and mudded up with lime and bentonite as needed.

DRILLING WATER SUPPLY: Water will be hauled in from a nearby Pennzoil water well.

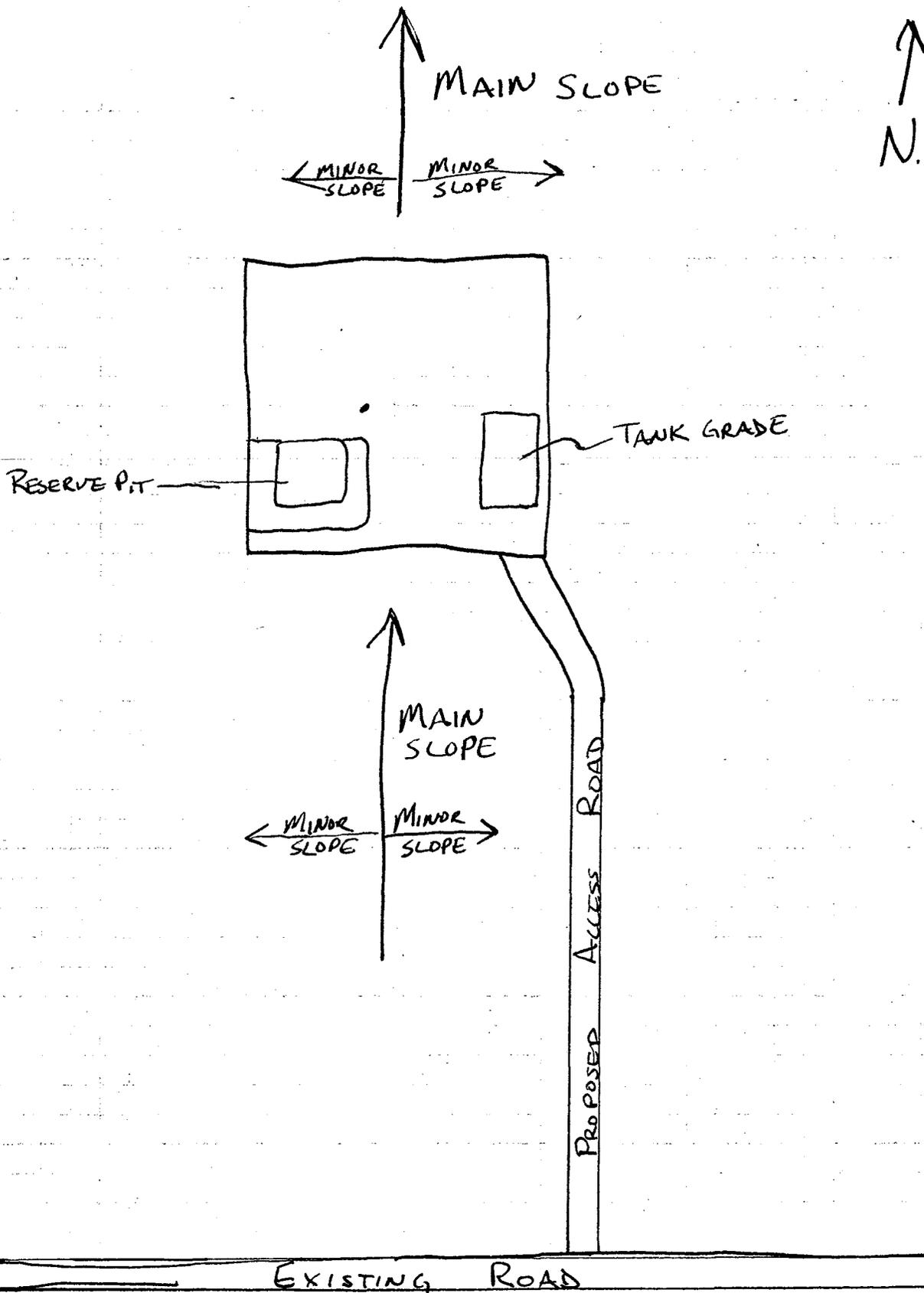
STIPULATIONS FOR APD APPROVAL

Reserve pit is to be lined with at least 10 mil synthetic liner as was previously examined.

ATTACHMENTS

Site Diagram

Photographs to be placed on file



6/5/89 JH

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, BLUEBELI	:	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.

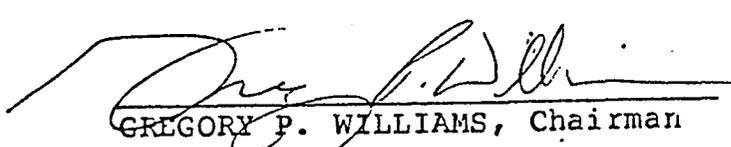
G. If an operator elects to initially complete a well solely within producing formations that are separate and distinct from and not in communication with any other producing formation, the operator will use reasonable precautions in order that such well is not completed in any producing formation that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

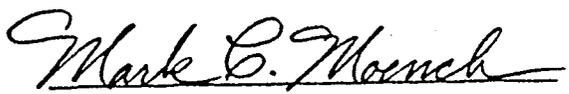
I. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable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

CONFIDENTIAL

OPERATOR Pennzoil Explor. & Prod. Co. (N28857) DATE 6-12-89

WELL NAME Snykes 2-21A2

SEC NWNW 21 T 1S R 2W COUNTY Duchess

43-013-31235
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND
(Blanket)

NEAREST WELL

LEASE

FIELD
(Ksm)

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 1320' / ok under Cause No. 139-42
Water Permit #89-43-2 / 43-7301 (A42016) 4-89 to 4-90
Presite Brad Hill / Received 6-16-89

CONFIDENTIAL
PERIOD
EXPIRED
ON 11-30-91

APPROVAL LETTER:

SPACING: R615-2-3

N/A
UNIT

R615-3-2

139-42 4-12-85
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Fee land stip.
2. As discussed during the pre-drilling site inspection, the reserve pit is to be lined with a synthetic liner of at least 10 mil thickness of plastic.

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

COMPANY: Pennyril REPRESENTATIVE: W. M. Smith

WELL NAME: Swykes 2-21A2 API# 43-013-31235

QTR/QTR NW/NE SECTION 21 WELLSIGN TWP 13 RANGE 2W

INSPECTOR: Frank Matthews DATE: 8/4th 5/89

DRILLING CONTRACTOR Grace Drilling RIG # 186

RIG OPERATIONS: NU after running & cmt 10 3/4" surface csg.

DEPTH 5220' LAST CASING 10 3/4" @ 5220'

TEST BY Quick Test WATER MUD

PRESSURE RATING OF STACK 5000 H2S RATED No

TEST PRESSURES 5000 / 10 min 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. Blind Rame
3. Pipe Rame
4. Pipe rams
5. Drilling spool
6. _____

ADDITIONAL COMMENTS: Tested choke manifold & all valves to 5000psi

tested csg. to 4000psi. APD said 9 5/8 surface csg.

Run 10 3/4" csg. Tested csg. flng 2500psi Rig Pusher Co. L. Cruth

REPORTED BY: W. M. Smith PHONE: _____

DATE: 8/4th 5/89 SIGNED: FM Matthews

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

CONF

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

COMPANY NAME: Pennzoil Exploration Co.

WELL NAME: Swykes, 2-21AZ 43-013-31235

QTR/QTR _____ SECTION 21 TOWNSHIP 15 RANGE 2W

CEMENTING COMPANY: Western WELL SIGN

INSPECTOR: Gary Garner DATE: 8/4/89

CEMENTING OPERATIONS:

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

SURFACE CASING: INTERMEDIATE _____ PROD CASING: _____

PERFORATIONS _____ SQUEEZE PRESSURE _____

CASING INFORMATION:

SIZE 10³/₄ GRADE: _____ HOLE SIZE: _____ DEPTH: 5220

SLURRY INFORMATION:

1. CLASS: Pace setter Lite + 6% gel
LEAD: 10# sk Gilsomite, 3% CaCl₂ TAIL: G + 2% CaCl₂ + 1/4 sk cello seal
 44# sk cello seal

2. SLURRY WEIGHT:
LEAD: 12.04 TAIL: 15.83

3. WATER (GAL/SK)
LEAD: _____ TAIL: _____

4. COMPRESSIVE STRENGTH
PSI @ _____ HR _____

PIPE CENTRALIZED CEMENTING STAGES one

LOST RETURNS _____ REGAIN RETURNS _____ BARRELS LOST _____

TOP OF CEMENT Surface PERF INTERVAL _____

CEMENT TO SURFACE? yes

ADDITIONAL COMMENTS: 2919 sks on lead and 735 sks on tail.
pumped 250% excess.

0044

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

COMPANY: Pennzoil Exploration REPRESENTATIVE: Danny Laman

WELL NAME: Sykes 2-21A2 API# 43-013-31235

QTR/QTR _____ SECTION Z1 WELLSIGN Yes TWP 25 RANGE ZW

INSPECTOR: GARY GARNER DATE: 8/30/89

DRILLING CONTRACTOR Grace #186 RIG # _____

RIG OPERATIONS: BOPE Test

DEPTH 12,507 LAST CASING 6 10 3/4 @ 5200'

TEST BY Quick Test WATER MUD _____

PRESSURE RATING OF STACK 10,000 H2S RATED NO

TEST PRESSURES 5000 # / 10min 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 Pipes
3. Lower Pipes
4. Blind
5. Drilling Spool
6. Wellhead

ADDITIONAL COMMENTS: Blew hydraulic hose on Hydril - fixed

REPORTED BY: Danny Laman PHONE: 353-4127

DATE: 8/1/89 SIGNED: GARY GARNER

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



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
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

June 19, 1989

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

Gentlemen:

Re: Swykes 2-21A2 - NW NW Sec. 21, T. 1S, R. 2W - Duchesne County, Utah
1104' FNL, 920' FWL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 12, 1985, subject to the following stipulations:

1. 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.
2. As discussed during the pre-drilling site inspection, the reserve pit is to be lined with a synthetic liner of at least 10 mil thickness of plastic.

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 43-013-31235.

Sincerely,



R.J. Pirth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Swykes 2-21A2

Suspense
(Return Date) _____

Other

(Location) Sec 21 Twp 1 S Rng 2 W
(API No.) 43 013 31235

(To - Initials) _____

1. Date of Phone Call: 6-23-89 Time: 11:30 am

2. DOGM Employee (name) John Baza (Initiated Call
Talked to:

Name Wilburn Luma (Initiated Call - Phone No. () 353-4397

of (Company/Organization) Pennzoil

3. Topic of Conversation: Casing design for well.

4. Highlights of Conversation: I had some concerns about the proposed casing program. Use of 36.0#, K-55 9 5/8" with proposed final mud weight of 13.5 ppg does not allow much of a safety factor. Mr. Luma indicated that they will revise their program to show 40#, S-95 9 5/8" casing set @ 4900'. I found this acceptable and gave approval.

DIVISION OF OIL, GAS AND MINING

"CONFIDENTIAL"

API NO. 43-013-31235

SPODDING INFORMATION

NAME OF COMPANY: PENNZOIL EXPLORATION & PROD. COMPANY

WELL NAME: SWYKES 2-21A2

SECTION NWNW 21 TOWNSHIP 1S RANGE 2W COUNTY DUCHESNE

DRILLING CONTRACTOR BILL JR'S RATHOLE

RIG # #2

SPODDED: DATE 7-5-89

TIME 9:00 A.M.

HOW RATHOLE

DRILLING WILL COMMENCE _____

CONFIDENTIAL

REPORTED BY DANNY LAMAN

TELEPHONE # 801-353-4397

DATE 7-5-89

SIGNED LCR

ENTITY ACTION FORM - DOGM FORM 6

RECEIVED
JUL 17 1989

DIVISION OF
OIL, GAS & MINING

OPERATOR Pennzoil Expl. + Prod. Co.
ADDRESS P.O. Box 2967
Houston, Tx 77252-2967

OPERATOR CODE N 2885
PHONE NO. 713, 546-4000

CONFIDENTIAL

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

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	10998	4301331235	Swykes 2-21A2	NWW	21	1S	2W	Duchesne	7/5/89	7/5/89
COMMENTS: Fee-Lease Proposed Zone-WSTC Field-Bluebell C Separate Tank battery, assign new entity 10998 on 7-20-89 Not in a Unit fdr											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL
 B - ADD NEW WELL TO EXISTING ENTITY
 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)

(SEE INSTRUCTIONS ON BACK OF FORM)

Elizabeth D. Taylor
SIGNATURE
Accountant
TITLE
7/14/89
DATE

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.)

5. LEASE DESIGNATION AND SERIAL NO.
FEE LAND

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. PARCEL OR LEASE NAME
Swykes

9. WELL NO.
21A2

FIELD AND POOL, OR WILDCAT
uebell / Wasatch

SEC., T., S., W., OR BLK. AND SURVEY OR AREA
INW

SECTION 21, T1S, R2W

COUNTY OR PARISH | 18. STATE
chesne | Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pennzoil Exploration & Production Company

3. ADDRESS OF OPERATOR
P.O. Box 290

4. LOCATION OF WELL (Report loc. At surface)
1104' FNL & 920' F Burst: 7-28-89 JRB

14. API NUMBER
43-013-31235 Assume 13.5# mud

16. Ch. inside 10 3/4" string, water gradient on outside

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

$13.5 \times 0.052 \times 5900 = 4142 \text{ ps}$

$0.433 \times 5900 = 2555 \text{ ps}$

17. DESCRIBE PROPOSED OR COMPLETED proposed work. If well pertinent to this work.)
Proposed change in
From: 9 5/8", 1587 psi

To: 10 3/4", Burst pressure 10 3/4", 45.5#
10 3/4", K-SS = 3580 psi

This change is required for drilling fluid containing 1 to 2% bentonite through 9 5/8" surface casing.

Safety factor is $\frac{1587}{3580} = 0.44$

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

DATE: 7-28-89
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED: Wilburn L. Luna TITLE: Drilling Superintendent DATE: July 24, 1989

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 to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO. FEE LAND
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Swykes
9. WELL NO. 2-21A2
10. FIELD AND POOL, OR WILDCAT Bluebell / Wasatch
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NWNW Section 21, T1S, R2W
12. COUNTY OR PARISH Duchesne
13. STATE Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pennzoil Exploration & Production Company

3. ADDRESS OF OPERATOR
P.O. Box 290 Neola, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements. See also space 17 below.)
At surface
1104' FNL & 920' FEL

14. API NUMBER
43-013-31235

15. ELEVATIONS (Show whether SP, N, or GL)
5910' GL (ungraded)

RECEIVED
JUL 25 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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

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.)*

Proposed change in surface casing:

From: 9 5/8", 40#, S-95, ST&C

To: 10 3/4", 51#, N-80, T&C 3,000' on top.
10 3/4", 45.5#, K-55, ST&C 2,900' on bottom.

This change is necessitated - due to the difficulty in (shearing drilling fluid containing 1 to 3% paraffin oil) running 7" production casing through 9 5/8" surface casing.

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

DATE: 7-28-89
BY: [Signature]

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

SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE July 24, 1989

(This space for Federal or State office use)

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

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

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

CONFIDENTIAL

JULY 24, 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

RECEIVED
JUL 25 1989

DIVISION OF
OIL, GAS & MINING

Re: Swykes No. 2-21A2
NWNW Section 21, T1S, R2W
Duchesne County, Utah
API 43-013-31235

Gentlemen:

Enclosed please find the original and three (3) copies of your DOGM Form 5 "SUNDRY NOTICES & REPORTS ON WELLS" for change in plans on captioned well.

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

Sincerely,

Pennzoil Exploration & Production Company

Wilburn L. Luna

Wilburn L. Luna
Drilling Superintendent

Enclosure



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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pennzoil Exploration & Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with State requirement. See also space 17 below.)
At surface
1104' FNL & 920' FEL

14. API NUMBER
43-013-31235

15. ELEVATIONS (Show whether on, above or below ground)
5910' GL (ungraded)

RECEIVED
JUL 25 1989

DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
FEE LAND

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Swykes

9. WELL NO.
2-21A2

10. FIELD AND POOL, OR WILDCAT
Bluebell/ Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NWNW
Section 21, T1S, R2W

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 checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input 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.)

Proposed change in surface casing:

From: 9 5/8", 40#, S-95, ST&C

To; 10 3/4", 51#, N-80, T&C 3,000' on top.
10 3/4", 45.5#, K-55, ST&C 2,900' on bottom.

This change is necessitated - due to the difficulty in (shearing drilling fluid containing 1 to 3% paraffin oil) running 7" production casing through 9 5/8" surface casing.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7-28-89
BY: Original Signed by John R. Baza

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

SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE July 24, 1989

(This space for 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

5. LEASE DESIGNATION AND SERIAL NO. FEE LAND
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Swykes
9. WELL NO. 2-21A2
10. FIELD AND POOL, OR WILDCAT Bluebell / Wasatch
11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA NWNW Section 21, T1S, R2W
12. COUNTY OR PARISH Duchesne
13. STATE Utah

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR Pennzoil Exploration & Production Company	
3. ADDRESS OF OPERATOR P.O. Box 290 Neola, UT 84053	
4. LOCATION OF WELL (Report location clearly and in accordance with State regulations. See also space 17 below.) At surface 1104' FNL & 920' FWL	
14. API NUMBER 43-013-31235	15. ELEVATIONS (Show whether DF, ST, DIVISION OF OIL, GAS & MINING) 5904.7' GL graded

RECEIVED
AUG 02 1989

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 checked="" type="checkbox"/>	(Other) _____	(Other) _____
(Other) _____	use new water supply <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.)*

CHANGE IN PLANS:

- Surface casing setting depth is being changed from 4900'± to 5200'±.*
- This is a request of use water from the Mecca No.2-8A2 (API 43-013-31231) reserve pit as make-up drill water on the Swykes No. 2-21A2, API 43-013-31235.

An Exxon Chemical Company water Analysis , of the reserve pit water, is enclosed for your use..

* This change allows Pennzoil to cover a water sand @ 5100'±.

18. I hereby certify that the foregoing is true and correct
 SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE August 1, 1989

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 8-3-89
 BY: John R. Day

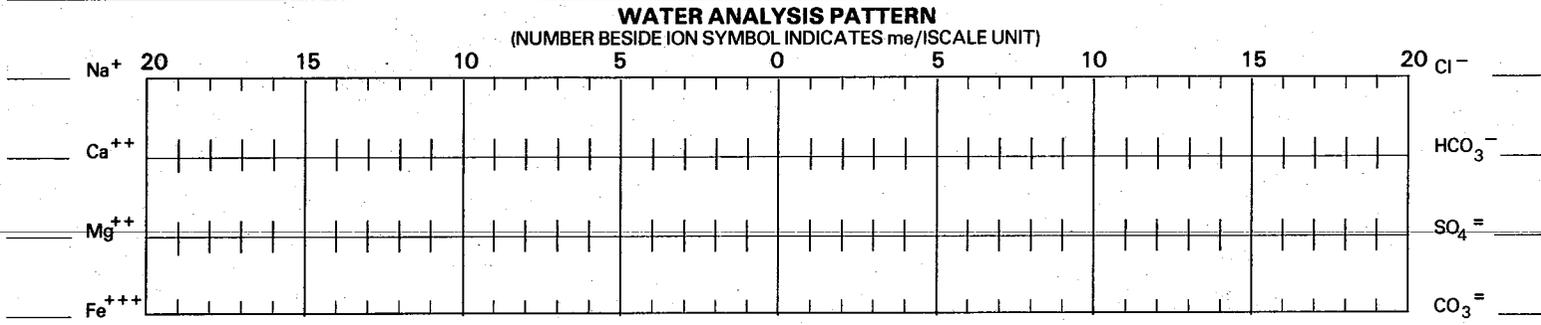
*See Instructions on Reverse Side

WATER ANALYSIS REPORT

EXXON CHEMICAL COMPANY
 P.O. Box 4321 Houston, Texas 77210-4321
 Tel. (713) 460-6800 Telex: 4942225 ENCEHOU



						SHEET NUMBER 1
COMPANY Pennzoil Company						DATE 7/28/89
FIELD Bluebell Field				COUNTY OR PARISH Duchesne County		STATE Utah
LEASE OR UNIT Mecca 2-8A2		SAMPLE SOURCE Reserve Pit			WATER SOURCE (FORMATION)	
DEPTH FT.	BHT, °F	SAMPLE SOURCE	TEMP., °F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY
DATE SAMPLED 7/28/89		TYPE OF WATER: <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALTWATER DISPOSAL				
		TYPE OF PRODUCTION: <input type="checkbox"/> PRIMARY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> CO ₂ FLOOD <input type="checkbox"/> POLYMER FLOOD <input type="checkbox"/> STEAMFLOOD				



DISSOLVED SOLIDS			DISSOLVED GASES	
CATIONS	me/l	mg/l		
TOTAL HARDNESS	8.0	---	HYDROGEN SULFIDE, H ₂ S	N/A mg/l
CALCIUM, Ca ⁺⁺	7.7	154.4	CARBON DIOXIDE, CO ₂	N/A mg/l
MAGNESIUM, Mg ⁺⁺	0.3	3.7	OXYGEN, O ₂	N/A mg/l
IRON (TOTAL) Fe ⁺⁺⁺	0.04	0.75	PHYSICAL PROPERTIES	
BARIUM, Ba ⁺⁺	∅	∅	pH	11.4
SODIUM, Na ⁺ (CALC.)	484.21	11,136.83	Eh (REDOX POTENTIAL)	MV
			SPECIFIC GRAVITY	
ANIONS	me/l	mg/l	TURBIDITY, FTU UNITS	
CHLORIDE, Cl ⁻	459.15	16,300.0	TOTAL DISSOLVED SOLIDS (CALC.)	28,892.3 mg/l
SULFATE, SO ₄ ⁼	20.3	975.0	STABILITY INDEX @ °F	
CARBONATE, CO ₃ ⁼	8.0	240.0	@ °F	
BICARBONATE, HCO ₃ ⁻	∅	∅	@ °F	
HYDROXYL, OH ⁻	4.8	81.6	CaSO ₄ SOLUBILITY @ °F	mg/l
SULFIDE, S ⁼	∅	∅	@ °F	mg/l
			MAX. CaSO ₄ POSSIBLE (CALC.)	mg/l
			MAX. BaSO ₄ POSSIBLE (CALC.)	mg/l
			RESIDUAL HYDROCARBONS	ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE) IRON SULFIDE IRON OXIDE CALCIUM CARBONATE CALCIUM SULFATE ACID INSOLUBLE

REMARKS AND RECOMMENDATIONS:
 Bacteria cultures have been performed and will be reported after an appropriate incubation period.

EC ENGINEER Scott Beddes	DIST. NO. 832	ADDRESS Vernal, Utah	OFFICE PHONE (801)789-2069	HOME PHONE 789-0258
ANALYZED BY Mike Whittington	DATE 7/28/89	DISTRIBUTION <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/> EC ENGINEER	<input type="checkbox"/> REGION	<input checked="" type="checkbox"/> DISTRICT

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

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

August 1, 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

RECEIVED
AUG 02 1989

DIVISION OF
OIL, GAS & MINING

Re: Change in Plans
Swykes No. 2-21A2
NWNW Section 21, T1S, R2W
Duchesne County, Utah
API 43-013-31235

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 question, please contact the undersigned at (801) 353-4397.

Sincerely,

Pennzoil Exploration & Production Company


Wilburn L. Luna
Drilling Superintendent

Enclosure

UT-3



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

5. LEASE DESIGNATION AND SERIAL NO.
FEE LAND

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Swykes

9. WELL NO.
2-21A2

10. FIELD AND POOL, OR WILDCAT
Bluebell / Wasatch

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
NWNW
Section 21, T1S, R2W

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, UT 84053

4. LOCATION OF WELL (Report location clearly and in accordance with Section 17 below.)
At surface
1104' FNL & 920' FWL

RECEIVED
AUG 02 1989

14. API NUMBER
43-013-31235

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5904.7' GL graded

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	use new water supply <input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input 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.)*

CHANGE IN PLANS:

- Surface casing setting depth is being changed from 4900'± to 5200'±.*
- This is a request of use water from the Mecca No.2-8A2 (API 43-013-31231) reserve pit as make-up drill water on the Swykes No. 2-21A2, API 43-013-31235.

An Exxon Chemical Company water Analysis , of the reserve pit water, is enclosed for your use..

* This change allows Pennzoil to cover a water sand @ 5100'±.

18. I hereby certify that the foregoing is true and correct
SIGNED Wilburn L. Luria TITLE Drilling Superintendent DATE August 1, 1989

(This space for Federal or State office use)

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

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

DATE: 8-3-89
BY: Original Signed by John R. Baza

*See Instructions on Reverse Side

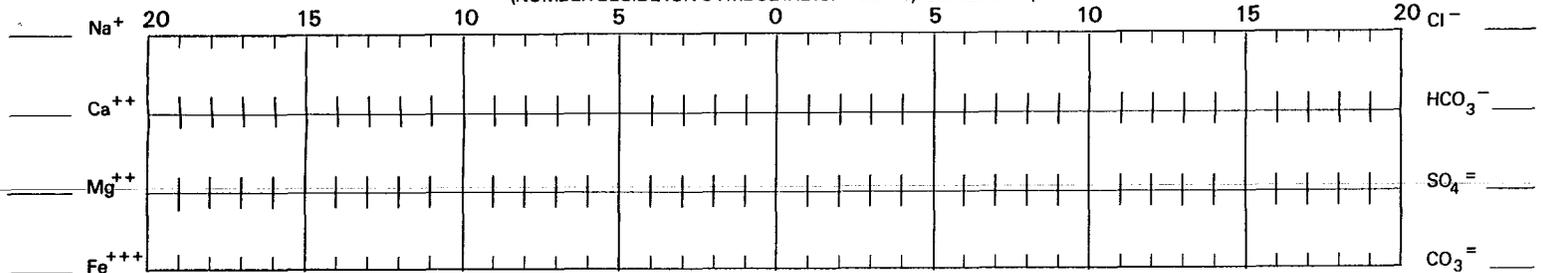
WATER ANALYSIS REPORT

EXXON CHEMICAL COMPANY
P.O. Box 4321 Houston, Texas 77210-4321
Tel. (713) 460-6800 Telex: 4942225 ENCEHOU

EXXON
CHEMICALS

						SHEET NUMBER 1
COMPANY Pennzoil Company						DATE 7/28/89
FIELD Bluebell Field				COUNTY OR PARISH Duchesne County		STATE Utah
LEASE OR UNIT Mecca 2-8A2			SAMPLE SOURCE Reserve Pit		WATER SOURCE (FORMATION)	
DEPTH FT.	BHT, °F	SAMPLE SOURCE	TEMP., °F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY
DATE SAMPLED 7/28/89		TYPE OF WATER: <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALTWATER DISPOSAL				
		TYPE OF PRODUCTION: <input type="checkbox"/> PRIMARY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> CO ₂ FLOOD <input type="checkbox"/> POLYMER FLOOD <input type="checkbox"/> STEAMFLOOD				

WATER ANALYSIS PATTERN
(NUMBER BESIDE ION SYMBOL INDICATES me/SCALE UNIT)



DISSOLVED SOLIDS			DISSOLVED GASES	
CATIONS	me/l	mg/l		
TOTAL HARDNESS	8.0	---	HYDROGEN SULFIDE, H ₂ S	N/A mg/l
CALCIUM, Ca ⁺⁺	7.7	154.4	CARBON DIOXIDE, CO ₂	N/A mg/l
MAGNESIUM, Mg ⁺⁺	0.3	3.7	OXYGEN, O ₂	N/A mg/l
IRON (TOTAL) Fe ⁺⁺⁺	0.04	0.75	PHYSICAL PROPERTIES	
BARIUM, Ba ⁺⁺	∅	∅	pH	11.4
SODIUM, Na ⁺ (CALC.)	484.21	11,136.83	Eh (REDOX POTENTIAL)	MV
			SPECIFIC GRAVITY	
			TURBIDITY, FTU UNITS	
ANIONS	me/l	mg/l	TOTAL DISSOLVED SOLIDS (CALC.)	28,892.3 mg/l
CHLORIDE, Cl ⁻	459.15	16,300.0	STABILITY INDEX @ °F	
SULFATE, SO ₄ ⁼	20.3	975.0	@ °F	
CARBONATE, CO ₃ ⁼	8.0	240.0	@ °F	
BICARBONATE, HCO ₃ ⁻	∅	∅	@ °F	
HYDROXYL, OH ⁻	4.8	81.6	CaSO ₄ SOLUBILITY @ °F	mg/l
SULFIDE, S ⁼	∅	∅	@ °F	mg/l
			MAX. CaSO ₄ POSSIBLE (CALC.)	mg/l
			MAX. BaSO ₄ POSSIBLE (CALC.)	mg/l
			RESIDUAL HYDROCARBONS	ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE) IRON SULFIDE IRON OXIDE CALCIUM CARBONATE CALCIUM SULFATE ACID INSOLUBLE

REMARKS AND RECOMMENDATIONS:

Bacteria cultures have been performed and will be reported after an appropriate incubation period.

EC ENGINEER Scott Beddes	DIST. NO. 832	ADDRESS Vernal, Utah	OFFICE PHONE (801)789-2069	HOME PHONE 789-0258
ANALYZED BY Mike Whittington	DATE 7/28/89	DISTRIBUTION <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/> EC ENGINEER	<input type="checkbox"/> REGION	<input checked="" type="checkbox"/> DISTRICT <input type="checkbox"/>

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

5. LEASE DESIGNATION AND SERIAL NO.
FREE LAND

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Swykes

9. WELL NO.
2-21A2

10. FIELD AND POOL, OR WILDCAT
Bluebell / Wasatch

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA
NWNW
Section 21, T1S, R2W

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Pennzoil Exploration & Production Company

3. ADDRESS OF OPERATOR
P.O. Box 290 Neola, UT 84055

4. LOCATION OF WELL (Report location clearly and in accordance with instructions. See also space 17 below.)
At surface
1104' FNL & 920' FWL

14. API NUMBER
43-013-31235

15. ELEVATIONS (Show whether Dr. or Gr. or Both) **DIVISION OF OIL, GAS & MINING**
5904.7' GL graded

RECEIVED
AUG 02 1989

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"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	use new water supply <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.)*

CHANGE IN PLANS:

- Surface casing setting depth is being changed from 4900'± to 5200'±.*
- This is a request to use water from the Mecca No. 2-8A2 (API 43-013-31231) reserve pit as make-up drill water on the Swykes No. 2-21A2, API 43-013-31235.

An Exxon Chemical Company water Analysis, of the reserve pit water, is enclosed for your use..

* This change allows Pennzoil to cover a water sand @ 5100'±.

18. I hereby certify that the foregoing is true and correct
SIGNED Wilburn L. Lunda TITLE Drilling Superintendent DATE August 1, 1989

(This space for Federal or State office use)

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

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8-3-89
BY: Original Signed by John R. Baza

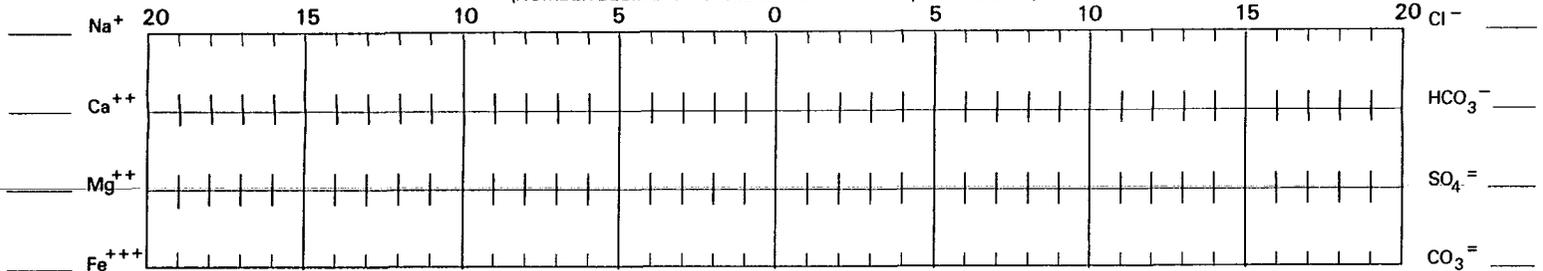
*See Instructions on Reverse Side

WATER ANALYSIS REPORT

COMPANY Pennzoil Company							SHEET NUMBER 1
FIELD Bluebell Field							DATE 7/28/89
LEASE OR UNIT Mecca 2-8A2				SAMPLE SOURCE Reserve Pit		WATER SOURCE (FORMATION)	
DEPTH FT.		BHT, 'F		SAMPLE SOURCE		TEMP., 'F	
DATE SAMPLED 7/28/89		TYPE OF WATER:		TYPE OF PRODUCTION:		GAS, MMCF/DAY	
		<input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALTWATER DISPOSAL		<input type="checkbox"/> PRIMARY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> CO ₂ FLOOD <input type="checkbox"/> POLYMER FLOOD <input type="checkbox"/> STEAMFLOOD			

WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES mg/SCALE UNIT)



DISSOLVED SOLIDS			DISSOLVED GASES	
CATIONS	me/l	mg/l		
TOTAL HARDNESS	8.0	---	HYDROGEN SULFIDE, H ₂ S	N/A mg/l
CALCIUM, Ca ⁺⁺	7.7	154.4	CARBON DIOXIDE, CO ₂	N/A mg/l
MAGNESIUM, Mg ⁺⁺	0.3	3.7	OXYGEN, O ₂	N/A mg/l
IRON (TOTAL) Fe ⁺⁺⁺	0.04	0.75	PHYSICAL PROPERTIES	
BARIUM, Ba ⁺⁺	∅	∅	pH	11.4
SODIUM, Na ⁺ (CALC.)	484.21	11,136.83	Eh (REDOX POTENTIAL)	MV
			SPECIFIC GRAVITY	
			TURBIDITY, FTU UNITS	
ANIONS	me/l	mg/l	TOTAL DISSOLVED SOLIDS (CALC.)	28,892.3 mg/l
CHLORIDE, Cl ⁻	459.15	16,300.0	STABILITY INDEX @ 'F	
SULFATE, SO ₄ ⁼	20.3	975.0	@ 'F	
CARBONATE, CO ₃ ⁼	8.0	240.0	@ 'F	
BICARBONATE, HCO ₃ ⁻	∅	∅	CaSO ₄ SOLUBILITY @ 'F	mg/l
HYDROXYL, OH ⁻	4.8	81.6	@ 'F	mg/l
SULFIDE, S ⁼	∅	∅	MAX. CaSO ₄ POSSIBLE (CALC.)	mg/l
			MAX. BaSO ₄ POSSIBLE (CALC.)	mg/l
			RESIDUAL HYDROCARBONS	ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE) IRON SULFIDE IRON OXIDE CALCIUM CARBONATE CALCIUM SULFATE ACID INSOLUBLE

REMARKS AND RECOMMENDATIONS:

Bacteria cultures have been performed and will be reported after an appropriate incubation period.

EC ENGINEER Scott Beddes	DIST. NO. 832	ADDRESS Vernal, Utah	OFFICE PHONE (801)789-2069	HOME PHONE 789-0258
ANALYZED BY Mike Whittington	DATE 7/28/89	DISTRIBUTION <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/> EC ENGINEER	<input type="checkbox"/> REGION	<input checked="" type="checkbox"/> DISTRICT <input type="checkbox"/>

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.)

1. <input checked="" type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		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		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.* See also space 17 below.) At surface 1104' FNL & 920' FEL		8. FARM OR LEASE NAME Swykes
14. API NUMBER 43-013-31235		9. WELL NO. 2-21A2
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5910' GL (ungraded)		10. FIELD AND POOL, OR WILDCAT Bluebell/ Wasatch
		11. BSC, F. S. M., OR B.L.C. AND SURVEY OR AREA NWNW Section 21, T1S, R2W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

RECEIVED
OCT 13 1989

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Monthly Operations Report</u> <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.)*

--Spudded @ 9:00 a.m. on 7/5/89 w/ Martin's Rathole Machine.
 --Set & cmted to surface 125' of 16" X 55# conductor pipe 128' below GL.
 --Spudded w/ Grace Drilling Co., Rig 186 @ 10:00 a.m. on 7/24/89.
 --Drilled 13 3/4" hole to 5220' encountering no fresh water flows.
 --Ran 124 jts (5226.55') 10 3/4" csg of 51#/45.5#; K-55/N-80; Butt/STC in 8.4#/27 vis mud. Circ w/ 3654 sks cement to surface w/ fallback 18' below GL & filled up w\ ready mix cmt when btm of cellar was filled.
 --NU & test BOP stack to 5000 psi, 10 3/4" csg to 4000 psi, csg seat & 15' of new hole to 1125 psi for 12.5# ENW.
 --Press test wellbore @ 5735' to 1075 psi for 12# ENW & leak off, @6250' to 1025 psi for 11.6# ENW, @ 6662' to 500 psi for 9.8# EMW, @ 7168' to 100 psi for 8.8# ENW.
 --Drilled 8 3/4" hole to 14,580' w/ normal problems. TD mud @ 13.3#/41 vis/ 10.2 WL
 --Logged well w/ DLL/GR, CNL-FDS, BHC-Sonic, 4-arm caliper, temperature & R.A. surveys
 --Ran 348 jts (14,607.16'), 7" csg: 23#/26#/29#, S-95, Butt LT&C. Set & cemented @ 14,579'.
 --Cmted in 3 stages f/ 14,580'-11,501' w/ 720 sks; f/ 11501'-8088' w/ 650 sks; f/ 8088'-surface w/ 2220 sks foam cmt on top.
 --ND BOP stack; NU wellhead; released rig @ 12 midnight on 10/6/89.

CONFIDENTIAL

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

SIGNED Wilburn L. Luna TITLE Drilling Superintendent DATE 10/12/89

(This space for Federal or State office use)

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

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

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

October 12, 1989

RECEIVED
OCT 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

DIVISION OF
OIL, GAS & MINING

Re: Monthly Operations Report for Drilling
Swykes No. 2-21A2
NWNW Section 21, T1S R2W
Duchesne County, Utah
API No. 43-013-31235

CONFIDENTIAL

Gentlemen:

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

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

OIL AND GAS	
DRN	RJF
JRB	GLH
DTC	SLS
1-TAS	✓
MICROFILM	
FILE	

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

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

Confidential

OIL AND GAS	
DRN	RJF
5. LEASE DESIGNATION AND SERIAL NO.	
JRS	GLH
6. IF INDIAN, ALEUTIC OR TRIBE NAME	
DTC SLS	
7. UNIT AGREEMENT NAME	
I-TAS	
8. FARM OR LEASE NAME	
Swykes	MICROFILM
9. WELL NO.	
2-21A2	2 FILE
10. FIELD AND POOL, OR WILDCAT	
Bluebell	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
Sec. 21, T1S, R2W	
12. COUNTY OR PARISH	13. STATE
Duchesne	Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

MAY 04 1990
DIVISION OF OIL, GAS & MINING

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

2. NAME OF OPERATOR
Pennzoil Exploration & 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
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31235
DATE ISSUED 7/3/89

15. DATE SPUDDED 7/5/89
16. DATE T.D. REACHED 9/19/89
17. DATE COMPL. (Ready to prod.) 3/20/90
18. ELEVATIONS (OF, BKB, BT, GR, ETC.)* KB 5926.1
19. ELEV. CASINGHEAD GL 5904.7

20. TOTAL DEPTH, MD & TVD 14580
21. PLUG. BACK T.D., MD & TVD 14500
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
12539-14494 Wasatch
25. WAS DIRECTIONAL SURVEY MADE no
26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL-GR CNL-FDC Sonic
27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10.75	45.5/51#	5220		3654 SXS	
7.00	23-26-29#	14579		1650 + SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
see attached

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
see attached	

33.* PRODUCTION

DATE FIRST PRODUCTION 12/19/89
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) rod pump
WELL STATUS (Producing or shut-in) producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/20/90	24			132		38	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			132		38	42

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 *Ralph A. Will* TITLE Supervising Engineer DATE 4-26-90

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

SWYKES #2-21A2 DRILLING REPORT

DEV - Swykes #2-21A2 - Utah - Duchesne - Bluebell/Altamont - Pennzoil -
PZL W.I. 41.86250% - PD 14,500' - Sec. 21, T1S, R2W - AFE #07096074 - AFE
Cost \$1,810,000

- 07/07/89: G.L. @ 5904.7'
KDB @ 5926.1'
Rig Phone (801) 353-4127
Geologist & Mud Logger's Phone (801) 354-4320
API #43-013-31235
Spudded w/rathole machine @ 9:00 AM on 07/05/89. Drilled 24' hole to 128'. Ran & cmt'd 16" conductor pipe (@ 128') to surf. Location, road & tank battery construction finished. Will drop until ready to start MIRT w/Grace Rig #186.
- 07/08/89: W/O Grace Rig #186.
- 07/21/89: This well was permitted @ 1104' FNL & 920' FWL NWNW Section 21, T1S-R2W, Duchesne County, Utah. This well was spudded by Rathole machine @ 9:00 am on 07/05/89. 16" conductor pipe was set & cmt'd @ 125' below GL & PBTD is est @ 113' below GL. Work on location & road is finished.
- 07/22/89: Depth 113'+/- below GL. Start MIRU RT.
- 07/23/89: Depth 113'+/- below GL. Cont w/MIRU RT.
- 07/24/89: CTD \$57,105
441', day 1, drilling, made 291' in 8 hrs. Spud @ 10:00 pm on 07/24/89, 1/8° @ 259'.
- 07/25/89: CTD \$81,662
1516', day 2, drilling, made 1075' in 20.5 hrs. F wtr 1/2° @ 645', 3/4° @ 964', 1° @ 1422' (lost 2500 bbls f wtr, lowered rate of loss by running LCM/mud sweeps).
- 07/26/89: CTD \$97,542
2216', day 3, drilling, made 700' in 15 hrs. F wtr 1-1/2° @ 1814', 1-1/4° @ 2083'.
- 07/27/89: CTD \$124,505
3102', day 4, drilling, made 886' in 23 hrs. F wtr 1-1/4° @ 2083' & 1° @ 2491 & 2879'.
- 07/28/89: CTD \$142,191
3708', day 5, drilling, made 606' in 23 hrs, f wtr, 1° @ 3284.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

07/29/89: CTD \$
4192', day 6, drilling, made 484' in 22.5 hrs, f wtr, 3/4° @
3678' & 1° @ 4083'.

07/30/89: CTD \$150,332
4641', day 7, drilling, made 449' in 23 hrs, f wtr, 1-1/4° @
4466'.

07/31/89: CTD \$156,484
4823', day 8, drilling, made 182' in 13.5 hrs, f wtr (no
fluid loss last 24 hrs, total f wtr lost 4200 bbls).

08/01/89: CTD \$162,006
5000', day 9, drilling, made 177' in 14 hrs, f wtr, no fluid
loss last 24 hrs.

08/02/89: CTD \$213,557
5220', day 10, on wiper trip for 10-3/4" surf csg, made 220'
in 22.5 hrs (no fluid loss this 24 hrs), f wtr.

08/03/89: CTD \$225,035
5220', day 11, displacing cmt around 10-3/4" surf csg
(finish 10 std short trip. Spot LCM/gel pill on btm &
POOH.) Ran 124 jts (5226.55') 10-3/4" 51/45.5# N-80/K-55
ST&C/butt csg set & cmt'd @ 5220' KDB. F wtr.
CEMENT DETAIL
100 bbls gel wtr w/20% LCM
10 bbls fresh wtr
2919 sxs (250% excess) pacesetter lite, 6% gel, 10#/sx
gilsonite, 1/4#/sx cello flakes & 3% CC
735 sxs (tail-in) Class "G", 2% CC, 1/4#/sx cello flakes
Cmt circ'd & fell back 18', will recmt w/ready mix.

08/04/89: CTD \$259,447
5220', day 12, test BOP equip to 5000 psi. WOC. Cut off &
install csg head. NU BOP. Stack, start testing BOP equip
to 5000 psi. F wtr.

8/05/89: CTD \$273,840
5649', day 13, drilling, made 429' in 16 hrs. Finish BOP
testing. Test 10-3/4" csg to 4000 psi. Drill out & made
15' of new hole. RU leak off test of 1125 psi w/8.4# wtr in
hole for 12.53# EMW. Cont drilling. F wtr @ 5600'.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

08/06/89: CTD \$289,144
6250', day 14, drilling, made 601' in 19.5 hrs. Drill & run
2 leak-off tests:
@ 5735' - 1075 psi w/8.4# wtr - 12.00# EMW
@ 6250' - 1025 psi w/8.4# wtr - 11.55# EMW
F wtr, 1° @ 6100'.

08/07/89: CTD \$300,153
6662', day 15, drilling, made 412' in 11.5 hrs (ran leak-off
test @ 6662' w/8.4# wtr in wellbore & 500 psi for an EMW of
9.84#). F wtr, 1° @ 6641'.

08/08/89: CTD \$314,745
7168', day 16, RTCB, made 506' in 21 hrs, @ 7168' tested
hole for EMW of 8.76# w/100 psi & 8.5# f wtr, GU @ 45 & no
flare.

08/09/89: CTD \$329,264
7602', day 17, made 434' in 19.5 hrs, 8.5# f wtr, BGU 130.

08/10/89: CTD \$342,113
8148', day 18, made 546' in 23.5 hrs, 8.4# f wtr, BGU 100
units, survey 1-1/4° @ 7666'.

08/11/89: CTD \$353,693
8595', day 19, drilling, made 447' in 23.5 hrs, 8.4# f wtr,
BGU 90 units, survey 1-3/4° @ 8262'.

08/12/89: CTD \$362,578
8915', day 20, drilling, made 320' in 16.5 hrs, 8.4# f wtr,
BGU 80 units, survey 1° @ 8611'.

08/13/89: CTD \$372,783
9294', day 21, drilling, made 379' in 19 hrs, 8.3# f wtr,
BGU 70 units, survey 3/4° @ 9137'.

08/14/89: CTD \$382,211
9646', day 22, drilling, made 352' in 21 hrs, 8.3# f wtr,
BGU 280 units.

08/15/89: CTD \$390,637
9940', day 23, drilling, made 294' in 13 hrs, 8.3# f wtr,
BGU 300 units, TGU 2040 units, survey 1° @ 9822'.

08/16/89: CTD \$530,059
10,177', day 24, drilling, made 237' in 10 hrs, 8.3# f wtr,
BGU 300 units, TGU 1260 units, survey 1/2° @ 10,034'. Trip
for bit & check drill collars.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

08/17/89: CTD \$540,006
10,560', day 25, drilling, made 383' in 14.5 hrs (trip for best), 8.3# f wtr, BGU 1200 units, TGU 2640 units, survey 1/2° @ 10,560.

08/18/89: CTD \$549,007
10,887', day 26, drilling, made 327' in 18 hrs. 8.6# mud wt, 35 vis, BG 3600 units w/no flare.

08/19/89: CTD \$552,937
10,943', day 27, on TIH following 2nd trip for hole in drill string, made 56' in 4.5 hrs. 8.8# mud wt, 36 vis, 24 wl, BG 3500 units w/no flare.

08/20/89: CTD \$561,072
11,140', day 28, drilling, made 197' in 17 hrs, 9.8/9.1# mud wt, 38 vis, 18 wl. Well kicked @ 11,119', raised wt to 9.6# & resumed drilling. Will raise wt to 10.0#. BG 8800 units w/8' flare.

08/21/89: CTD \$579,938
11,247', day 29, drilling, made 107' in 12 hrs. 10.1/10.0# mud wt, 37 vis, 17 wl, BG 1800 units & no flare, 1/2° @ 11,152'.

08/22/89: CTD \$593,416
11,444', day 30, made 197' in 23.5 hrs. 10.1/9/8# mud wt, 40 visc, 16 wl, BG 6880 units w/1-2' flare.

08/23/89: CTD \$614,013
11,536', day 31, RTCB, made 92' in 14.5 hrs. 10.8/10.5# mud wt, 38 vis, 16 wl, BG 5000 units w/1-2' flare, 1° @ 11,536'.

08/24/89: CTD \$624,267
11,734', day 32, drilling, made 198' in 22.5 hrs. 10.7/9.7# mud wt, 40 vis, 16 wl, BG 5440 units w/10' flare.

08/25/89: CTD \$642,211
11,912', day 33, drilling, made 178' in 23.5 hrs. 10.9/10.9# mud wt, 42 vis, 20 wl, BG 3120 units w/2-3' flare.

08/26/89: CTD \$652,278
12,082', day 34, drilling, made 170' in 23.5 hrs. 10.9/10.8# mud wt, 42 visc, 16 wl, BGU 4000 units w/5-6' flare.

08/27/89: CTD \$658,114
12,180', day 35, TIH w/bit, made 98' in 14.5 hrs. 10.9/10.3# mud wt, 40 visc, 12 wl, survey 1° @ 12,180', BGU 3680 units w/2-3' flare.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

08/28/89: CTD \$666,656
12,324', day 36, drilling, made 144' in 22 hrs. 11/10.7#
mud wt, 40 vis, 12 wl, survey 1° @ 12,180', BG 2400 units
w/no flare.

08/29/89: CTD \$678,920
12,431', day 37, RTCB, made 107' in 22.5 hrs. 11/10# mud
wt, 40 vis, 11.6 wl, BG 4400 units w/no flare.

08/30/89: CTD \$681,547
12,431', day 38, 24 hrs tripping & fishing, left all 3 cones
on bit #14 in hole, now on POOH w/magnet. 11.1/10.2# mud
wt, 41 vis, 11.2 wl, survey 1° @ 12,431', BG 3440 units on
last check when drilling.

08/31/89: CTD \$685,849
12,507', day 39, RTCB, made 76' in 11.5 hrs after finishing
magnet & junk basket run which recovered 3 cones & etc.
11.2/10.8# mud wt, 40 vis, 12 wl, BG 1600 units w/no flare.

09/01/89: CTD \$698,237
12,556', day 40, drilling, made 49' in 8 hrs, 11.1/10.3# mud
wt, 41 vis, 14.4 wl, survey 1° @ 12,519', BG 5840 units w/no
flare.

09/02/89: CTD \$711,619
12,668', day 41, RTCB, made 112' in 18 hrs, 11.2/10.8# mud
wt, 41 vis, 12.8 wl, BG 2400 units.

09/03/89: CTD \$723,673
12,773', day 42, drilling, made 105' in 19.5 hrs, 11.2/10.5#
mud wt, 42 vis, 11 wl, BG 1500 units w/no flare.

09/04/89: CTD \$742,745
12,830', day 43, drilling, made 57' in 12 hrs, 11.3/11.2#
mud wt, 41 vis, 11.2 wl, survey 1° @ 12,797', BG 6800 units
w/no flare
NOTE: Lost 120 bbls on TIH @ 12,797'

09/05/89: CTD \$754,263
12,968', day 44, drilling, made 138' in 23.5 hrs, 11.4/11.1#
mud wt, 44 vis, 11.6 wl, BG 780 units w/no flare.

09/06/89: CTD \$762,319
13,039', day 45, RTCB, made 70' in 13.5 hrs, 11.4/11.1# mud
wt, 42 vis, 10.8 wl, survey 1° @ 13,038', BG 240 units w/no
flare.

09/07/89: CTD \$777,316
13,152', day 46, drilling, made 114' in 19 hrs, 11.3/11.1#
mud wt, 41 vis, 11.4 wl, BG 600 units w/no flare.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

09/08/89: CTD \$785,206
13,328', day 47, drilling, made 176' in 23.5 hrs, 11.5/11.1#
mud wt, 45 vis, 11.6 wl, BG 6560 units w/10' flare.

09/09/89: CTD \$802,790
13,373', day 48, drilling, made 45' in 8 hrs, 11.8'/10.9#
mud wt, 46 vis, 13 wl, BG 6560 units w/10' flare.

09/10/89: CTD \$817,157
13,573', day 49, drilling, made 200' in 23.5 hrs, 12.0/11.8#
mud wt, 46 vis, 10.6 wl, survey 1-1/2° @ 13,370', BG 500
units w/slight trace of a flare.

09/11/89: CTD \$837,660
13,755', day 50, drilling, made 182' in 23.5 hrs, 12.0/11.8#
mud wt, 46 vis, 10.6 wl, BG 3680 units w/no flare.

09/12/89: CTD \$867,028
13,926', day 51, drilling w/some fluid loss & mixing LCM
pills, made 171' in 19 hrs, 12.8/12.4# mud wt, 44 vis, 13
wl, BG 3200 units w/3' flare.

09/13/89: CTD \$893,063
14,008', day 52, RTCB, made 82' in 11.5 hrs, 12.8/12.4# mud
wt, 48 vis, 12.2 wl, survey 1-1/4° @ 14,008', BG 3850 units
w/3' flare.

09/14/89: CTD \$911,812
14,165', day 53, drilling, made 157' in 23 hrs, 12.8/12.2#
mud wt, 42 vis, 11 wl, BG 3520 units w/6' flare.

09/15/89: CTD \$930,654
14,356', day 54, drilling, made 191' in 23.5 hrs, 13.0/12.0#
mud wt, 45 vis, 10.6 wl, BG 3440 units w/3-4' flare.

09/16/89: CTD \$958,194
14,451', day 55, drilling, made 95' in 15.5 hrs, 13.2/12.5#,
42 vis, 12 wl, BG 3400 units w/3-4' flare.

09/17/89: CTD \$966,559
14,456', day 56, on TIH w/bit #24 - made trip for press loss
- found jet missing from bit, made 6' in 2 hrs, 13.2# mud
wt, 38 vis, 12.8 wl, BG 3760 units w/3-4' flare.

09/18/89: CTD \$977,480
14,546', day 57, circ @ reduced pump rate, made 90' in 13.5
hrs (lost 562 bbls mud this 24 hrs from 11,480-11,546').
13.2/12.2# mud wt, 41 vis, 13.8 wl, BG 3360 units w/no
flare.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

- 09/19/89: CTD \$996,204
14,580', day 58, on POOH to log (reach TD @ 12:30 pm on 09/19/89, lost 58 bbls, cum mud loss 3345 bbls). 13.3/12.2# mud wt, 49 vis, 10.2 wl, BG 2400 units w/1' flare.
- 09/20/89: CTD \$1,019,412
14,580', day 59, attempting to log w/televiewer, (finish POOH, RU Halliburton & run DLL-GR, CNL-FDC & attempt to run televiewer log, mud solids too high for it) 13.3# mud wt, 41 vis, 12.3 wl, survey 1° @ 14,580'.
- 09/21/89: CTD \$1,038,069
14,580', day 60, @ 7800' (on TIH) reaming, (24 hr summary: finish POOH w/televiewer log that did work, start TIH, broke circ 2000', 4000' & 6000' OK - @ 8000' could not break circ & lost 200 bbls, pull to 6200' & could only get partial returns, pull to 4000' & finally got full returns & circ out of oil. TIH to 4900' & circ w/out problems. TIH to 6600' & circ w/out problems. Cont TIH & hit bridge @ 7800' - still having trouble after reaming thru it 3 times.) 13.3/13.1# mud wt, 43 vis, 11.5 wl, BG not measured & no flare.
- 09/22/89: CTD \$1,046,632
14,580', day 61, @ 8900' reaming on TIH (washing & reaming to btm to cond wellbore to cont logging, lost 178 bbls mud, total volume lost to date 4258 bbls), 13.3/13.2# mud wt, 44 vis, 10 wl, BG 0.0 units.
- 09/23/89: CTD \$1,057,691
14,580, day 62, on btm circ to cond mud & wellbore (ream from 8003-9440', then TIH 5 & 10 stds @ a time, daily mud loss 325 bbls, total loss 4583'), 13.3# mud wt, 48 vis, 9.6 wl & started raising wt to 13.4#, BG 0.0 units.
- 09/25/89: CTD \$1,083,715
14,580', day 63, on TIH to clean out wellbore (cont circ & cond wellbore while raising mud wt to 13.4#, due to mud loss cut wt back to 13.3# & circ @ 80 SPM. Mud loss ceased & mud properties stabilized. POOH w/a few tight places - bad ones @ 7654' & 7560'. RU Halliburton to log, could not get below 7660'. Started TIH - broke circ @ 2000' & 4000' & on TIH to 6000'. Daily mud loss 449 bbls, total loss @ 5032 bbls), 13.3# mud wt, 44 vis, 21 wl, BG 0.0 units.
- 09/26/89: CTD \$1,110,450
14,580', day 64, @ 8100' on TIH (washing & reaming to btm. Most of the reaming 7500-7700'), 13.3/13.2# mud wt, 43 vis, 10.4 wl, BG 0.0 units.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

- 09/26/89: CTD \$1,121,274
14,580', day 65, logging w/sonic log (24 hr summary: spent 7 hrs getting to btm. Circ & cond mud & wellbore for logging. POOH to log w/no tight spots. RU loggers & now running sonic log), 13.4/12.7# mud wt, 47 vis, 9.8 wl, BG none - small flare on btms up.
- 09/27/89: CTD \$1,204,152
14,580', day 66, reaming @ 12,154' on TIH (24 hr summary: finished logging w/Haliburton & started TIH breaking circ every 2000'. Now @ 12,154' reaming. Lost 242 bbls mud last 24 hrs, total loss 5,597 bbls). 13.4# mud wt, 45 vis, 8.4 wl, BG none.
- 09/28/89: CTD \$1,219,448
14,580', day 67, laying down drill string to run 7" csg (last 24 hrs: Finished TIH w/some reaming @ 12,154-12,217'. Circ & cond mud & wellbore. Start LD drill string. Daily loss 102 gals, cum mud loss 5700 bbls +/-), 13.4/13.0# mud wt, 46 vis, 8.8 wl, BG none.
- 09/29/89: CTD \$1,226,534
14,580', day 68, @ 6900' ran 7" csg (24 hr summary: finish LD drill string. RU csg crews & installed 7" rams. Ran 7" csg to 6900', stopped @ 2300', 3563' & 5000' & circ out. No fluid loss this 24 hrs), 13.4# mud wt, 44 vis.
- 09/30/89: CTD \$1,254,191
14,580', day 69, @ 6700' circ thru 7" csg (24 hr summary: cont to ran 7" to 7262' [167 jts] & could not circ. LD 13 jts & spent 13 hrs @ 6700' +/- to break circ. Paraffin @ 4000' +/- blocked the wellbore. Circ @ 6700' & got full circ. Lost 1072 bbls, total loss 6772 bbls), 13.2# mud wt, 44 visc, 11.2 wl.
- 10/01/89: CTD \$1,263,524
14,580', day 70, @ 10,914' circ mud around w/no loss (24 hr summary: finished circ @ 6700'. Ran 7" to 7299' & circ w/full returns. Ran 7" to 9792' & circ. Ran csg to 10,914' & started circ around), 13.2# mud wt, 44 vis, 11.2 wl.
- 10/02/89: CTD \$1,270,034
14,580', day 71, @ 13,756' w/7" csg & circ (24 hr summary: Ran 7" csg & circ), 13.2# mud wt, 43 vis, 12.2 wl.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

- 10/03/89: CTD \$1,294,017
14,580', day 72, running temp & tracer survey logs (24 hr summary: Finished circ @ 13,756'. Washed down each jt of 7" csg to 14,580'. Circ & cut mud wt to 13.1#. RU Howco pump 1st stage cmt & lost 100 bbls mud on displacement. Opened DV tool w/no returns. RU production loggers & started to run temp & tracer survey) 13.1# mud wt, 50 vis, 9 wl.
- 10/04/89: CTD \$1,301,298
14,580', day 73, on RU to run GR-CCL & temperature logs (24 hr summary: Finished temp & tracer surveys. Tracers lost +/- @ 9980-10,070'. Pump LCM pills to loss zone, no luck in plugging it up. RU & pump 2nd stage cmt from DV, 10,506' +/- to 10,000', used 550 sxs of Halliburton highbond, 100 sxs lead cmt contained 10# Gilsonite & 1/2# flocele. Started RU to log. CSG: ran 348 jts, 14,607.16', 7" 23-26-29#, S-95, LT&C/Butt csg set & cmt'd @ 14,579') 10.0# brine wtr.
- 10/05/89: CTD \$1,330,995
14,580', day 74, Circ for 3rd stage cmt (24 hr summary: Ran temp survey looking for 2nd stage cmt top. Did not find it. Set csg slips w/285,000#. Open top DV tool & displaced 13.1# mud in annulus w/10# brine. Then displaced brine w/f wtr & circ for 3rd stage cmt.) F wtr.
- 10/06/89: CTD \$1,775,782
14,580', day 75, on RDRT (24 hr summary: Finished circ'ing f wtr around. Wait on 3rd stage cmt. Howco mixed & pumped 3rd stage cmt 60 bbls spacer, 1100 sxs premium cmt, 0.75% HC-2, .5% Howco suds, 90,000 ft³ of N₂ tailed in w/1015 sxs Highbond 50 HT, 0.4% Halad 9, 0.8% CFR-2 @ 14.3#. Cmt circ'd. Pumped CAP of 106 sxs premium, 3% CaCl down 7" x 9-5/8" for cap on cmt w/N₂ in it. WOC. ND BOP stack. Install tbg spool & test same to 5000 psi. Total mud loss 7975 bbls. Released rig @ 2400 hrs on 10/06/89.) F wtr to top DL 10# brine to btm DV & 13.1# mud to float collar.
- 10/07/89: CTD \$1,775,782
14,580' TD, day 76, (FC @ 14,486', btm DV @ 11,500', top DV @ 8085') RD & MORT.
- 10/08/89: CTD \$1,775,782
14,580' TD, day 77, (FC @ 14,486', btm DV @ 11,500', top DV @ 8085') Finish RDRT & cont MORT.
- 10/09/89: CTD \$1,775,782
14,580' TD, day 78, PBD @ 8085' top DV, btm DV @ 11,500' & FC @ 14,486'. Finished MORT & started location clean up & pad for workover rig.

Swykes 2-12B2
 Duchesne County
 Section 21, T1S-R2W
 AFE 07096074

10/10/89: CTD \$1,775,782
 14,580' TD, day 79, cleaning up location & building pad for workover rig.

10/11/89: CTD \$1,775,782
 14,580' TD, day 80, (PBSD 8085' on top DV), finished cleaning up wellsite & cont building pad for workover rig.

PRODUCTION INTERMEDIATE CASING DETAILS

Ran 348 jts, (14,607.16'), 7" OD 23#, 26#, 29# S-95 GR Butt/LTC conn. Set & cmt'd @ 14,579', KB csg string wt in 13.1#/gal mud 285,000# & air 379,000#.

Centralizers @: Every jt from shoe to 188 jts run.

Scratchers @: 1 every other jt from shoe up to jt #188.

from bottom to top

Well Depth 14,580'
 Set off bottom 1'

JTS	O.D.	WT.	GR.	CONN.	LENGTH	TOP @
1	Honco			Guide Shoe	.80	14,578.20
2	7"	29#	S-95	LTC	89.76	14,488.44
1	Honco	Full Open		Float Collar	2.05	14,486.39
68	7"	29#	S-95	LTC	2982.55	11,505.84
1	Honco			DV Tool	3.05	
35	7"	29#	S-95	LTC	1536.62	9,964.17
44	7"	26#	S-95	LTC	1875.64	8,088.53
1	Honco			DV Tool	3.05	8,085.48
35	7"	26#	S-95	LTC	1502.64	6,582.84
67	7"	23#	S-95	LTC	2870.96	3,711.88
12	7"	29#	S-95	LTC	513.12	3,198.76
1	7"	23#	S-95	LTC Pin	27.75	3,171.01
				Butt Box		
64	7"	23#	S-95	Butt	2432.59	738.42
20	7"	26#	S-95	Butt	766.58	

10/12/89: CTD \$1,775,782
 14,580' TD, day 81, (PBSD 8085' on top DV), working on wellsite pad. Waiting on gravel.

10/13/89: CTD \$1,775,782
 14,580' TD, day 82, (PBSD 8085' on top DV), waiting on gravel.

10/16/89: CTD \$1,775,782
 14,580' TD, day 85, (PBSD 8085' on top DV), waiting on gravel for workover pad.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

10/17/89: CTD \$1,775,782
14,580' TD, day 86, (PBD 8085' on top DV). FINAL DRILLING REPORT.

10/18/89: COMPLETION
CTD \$1,780,762
MIRU completion rig. ND wellhead. NU BOP. Unload 2-7/8" 6.5# N-80 8rd tbg. RIH w/6" bit, 4 4-3/4" DC's & 140 jts 2-7/8" tbg. SDFN.

10/19/89: CTD \$2,007,780
Cont PU & RIH w/2-7/8" tbg. Tagged DV tool #1 @ 8085'. Drilled on DV tool. Fell thru in 1.5 hrs. Tagged DV tool #2 @ 11,480' (csg detail shows DV tool @ 11,503'). SDFN.

10/20/89: CTD \$2,009,679
Tag 2nd DV tool @ 11,500'. Drill DV tool out in 2 hrs. Cont RIH w/2-7/8" tbg. Tag cmt @ 14,308'. Rev circ mud out of hole. SDFWE.

10/23/89: CTD \$2,011,494
Drilled cmt from 14,360' to float collar @ 14,480. Drilled out float collar + 75' to PBD 14,555' (tbg tally). Roll hole w/clean 2% KCl wtr. POOH w/120 jts 2-7/8" tbg. SDFN.

10/24/89: CTD \$2,023,981
Log CBL-CET. POOH w/remaining 2-7/8" tbg, DC's & 6" bit. RU Halliburton Logging Service. Ran CBL-VDL-GR-CCL under 2000 psi. Attempted to run CET equivalent. Tools failed. SDFN.

10/25/89: CTD \$2,023,981
Halliburton Logging Service finished logging.

10/30/89: CTD \$2,045,443
Shut in. Waiting on perforations.

11/09/89: CTD \$2,078,039
Shut in. Waiting on perforations.

11/20/89: CTD \$2,079,484
RIH w/standard seating nipple & 380 jts 2-7/8" 6.5# N-80 8rd tbg. ND BOP. NU wellhead. SDFN.

11/21/89: CTD \$2,079,917
RD completion rig. Move off equip. REPORTS DISCONTINUED UNTIL FURTHER WELL WORK.

Swykes 2-12B2
Duchesne County
Section 21, T1S-R2W
AFE 07096074

12/13/89: CTD \$2,081,552

RESUMPTION OF COMPLETION

MIRU pulling unit. Removed tree & installed BOP. POOH w/120 stds 2-7/8" tbg & SDFN. Prep to clean out well to btm prior to perf'ing.

12/14/89: CTD \$2,084,662

14 hr SITP & SICP 0 psi. Finished POOH w/2-7/8" tbg. WIH w/6-1/16" tapered mill, bumper sub & 6 4-3/4" drill collars on 2-7/8" tbg to 14,555'. Hit no obstructions. Circ'd hole w/2% KCl wtr & tested csg to 2000 psi, held OK. Pulled 2 jts tbg & SDFN. Prep to POOH & load perf'ing guns.

12/15/89: CTD \$2,085,982

14 hr SITP & SICP 0 psi. POOH w/mill & SDFN. Now loading tbg conveyed perf'ing guns.

12/16/89: Well shut-in to load perf'ing guns. Will run guns in hole 12/18/89 & perf 12/19/89.

WESTERN DIVISION
DAILY DRILLING & COMPLETION REPORTS
3/01/90
1

Swykes #2-21A2

DEV - Duchesne County, Utah - Bluebell/Altamont Field

Sec 21, T1S-R2W - Pennzoil - PZL W.I. 41.86250% - PD 14,500' - AFE #
07096074 - AFE cost \$1,810,000 Supplement \$743,000

COMPLETION

12/15/89

CTD \$2,085,982

14 hr SITP & SICP 0 psi. POOH w/mill & SDFN. Now
loading tbg conveyed perf'ing guns.

12/16/89

CTD \$2,085,982

Well shut-in to load perf'ing guns. Will run guns in
hole 12/18/89 & perf 12/19/89.

12/18/89

CTD \$2,087,877

WIH w/tbg conveyed perf'ing equip. Ran correlation
log, spaced out & set pkr, installed tree & SDFN. Prep
to perf.

12/19/89

CTD \$2,182,162

Dropped bar down tbg & perf'd as follows:

13,120-126'	13,561-571'	13,946-951'
13,135-137'	13,574-577'	13,982-990'
13,145-148'	13,598-601'	14,018-024'
13,160-163'	13,605-609'	14,306-040'
13,176-188'	13,694-704'	14,058-062'
13,214-224'	13,707-710'	14,092-096'
13,243-246'	13,732-736'	14,148-153'
13,275-282'	13,745-750'	14,172-178'
13,316-324'	13,760-764'	14,184-200'
13,338-346'	13,782-788'	14,208-212'
13,358-361'	12,809-815'	14,246-258'
13,371-374'	13,854-858'	14,278-284'
13,411-414'	13,866-872'	14,337-346'
13,424-430'	13,876-882'	14,401-406'
13,460-474'	13,894-900'	14,410-414'
13,486-492'	13,907-915'	14,475-494'
13,500-505'	13,930-934'	

Total footage 311', total holes 622. All depths from
HLS dual laterolog run 09/20/89. Had wtr blanket to
surf in 2 hrs & oil to surf in 4 hrs. Well flowed
intermittently for 8 hrs, rec 20 BO & 60 BLW. No prod
last 1-1/2 hrs. Could not swab due to wax. SDFN.
Will cont flow testing this AM.

3/01/90

2

12/20/89 CTD \$2,184,352
14 hr SITP 1750 psi, SICP 0 psi. Flowed well to frac tank & tank battery for 10 hrs. Rec 70 BO w/no wtr on 1" ck w/FTP 0-200 psi. SDFN. Prep to run heat string.

12/21/89 CTD \$2,186,442
12 hr SITP 1900 psi, SICP 0 psi. Set back press valve in 2-7/8" hanger. Removed tree & installed BOP. WIH w/211 jts 2-1/16" heat string & landed tbg on split hanger. EOT @ 7012'. Removed BOP & installed tree. Tested pack-off to 5000 psi, held OK. Pulled back press valve, SITP 2500 psi. Started downhole heat trace & left well shut in for night. Prep to flow test well.

12/22/89 CTD \$2,186,442
Well shut in.

12/23/89 CTD \$2,186,442
Well flowed 220 BO & 105 BW on 21/64" ck w/FTP 300 psi.

12/24/89 CTD \$2,186,442
Well flowed 90 BO & 0 BW on 18/64" ck w/FTP 350 psi.

12/25/89 CTD \$2,186,442
Well flowed 112 BO & 80 BW on 18/64" ck w/FTP 300 psi.

12/26/89 CTD \$2,186,442
Well flowed 110 BO & 0 BW on 18/64" ck w/FTP 250 psi.

12/27/89 CTD \$2,193,322
Flowed well to battery for 4 hrs, rec 12 BO & 0 BW. Pumped 90 bbls 10# brine down tbg to kill well. Set back press valve in 2-7/8" hanger, removed tree & NU BOP. POOH w/2-1/16" heat string. Removed back press valve (well dead) & released pkr. Circ'd hole w/10# brine wtr overnight to kill well. Prep to pull perf'ing guns.

12/28/89 CTD \$2,196,762
POOH w/tbg, pkr & perf'ing guns. All guns fired. WIH w/7" Mtn States retrievable pkr on 2-7/8" tbg to 5500' & SDFN. Prep to finish running pkr & GIH w/heat string. Should acidize next week.

3/01/90

3

12/29/89 CTD \$2,199,547
11 hr SITP 1100 psi, SICP 1100 psi. Bled well down & circ hole w/10# brine. Finished GIH w/2-7/8" tbg. Set pkr @ 12,890' w/25,000# comp & landed 2-7/8" tbg on split hanger. Set back press valve in 2-7/8" hanger & WIH w/111 jts 2-1/16" heat string (EOT @ 7012'). Landed 2-1/16" tbg on split hanger, removed BOP & installed tree. Tested pack-off to 5000 psi & csg to 1500 psi. Both held OK. Pulled back press valve. Had 300 psi tbg press. SDFN.

12/30/89 CTD \$2,201,167
13 hr SITP 1000 psi, SICP 100 psi. Circ heat string w/hot 2% KCL wtr & connected heat trace system. Flowed well to frac tank for 9 hrs, rec 5 BO & 70 BLW. Left well open to tank battery on 18/64" ck.

12/31/89 CTD \$2,201,167
Well flowed 41 BO & 0 BW in 13 hrs on 18/64" ck w/FTP 700 psi.

1/01/90 CTD \$2,201,167
Well flowed 82 BO & 0 BW in 24 hrs on 20/64" ck w/FTP 600 psi.

1/02/90 CTD \$2,202,772
Flowed well to tank battery for 10 hrs on 1" ck w/FTP 0-50 psi. Rec 77 BO & 0 BW. Left well flowing to battery overnight. Prep to acidize.

1/03/90 CTD \$2,228,752
RU Dowell & treated perms 13,120-14,494' down 2-7/8" tbg w/20,000 gals 7.5% HCL acid containing 2500 ball sealers. Flushed w/fm wtr. Had slight diversion. Avg inj rate 10 BPM @ 8500 psi, ISDP 3342 psi, 20 min vac. RD Dowell & WIH w/swab, hit fluid level @ 3300'. Swabbed 5 hrs, rec 90 BLW w/trace of oil. Had difficulty swabbing due to heavy oil & mud. SDFN. Prep to run tracer log to determine acid job distribution. Total load 560 bbls, total rec 90 bbls, 470 BLWTR. Final fluid level 5000'.

3/01/90

4

1/04/90 CTD \$2,240,392
13 hr SITP 750 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 3500'. Swabbed 3 hrs, rec 0 BO & 30 BLW. Final fluid level 2000'. Total toad 560 bbls, total rec 120 bbls, 440 BLWTR. RU Atlas WL & ran Prism log to determine acid job dist. RD Atlas & SDFN. Will swab test well while sand frac evaluation continues.

1/05/90 CTD \$2,242,017
14 hr SITP 550 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 4000'. Swabbed perfs 13,120-14,494' for 9 hrs, rec 75 BO & 100 BLW. Final fluid level 6000', final oil cut 75%. Total load 560 bbls, total rec 220 bbls, 340 BLWTR. SDFN.

1/06/90 CTD \$2,243,572
13 hr SITP 900 psi, SICP 0 psi. Flowed 11 BO to tank before well died. WIH w/swab, hit fluid level @ 4000'. Swabbed perfs 13,120-14,494' for 8 hrs, rec 148 BO & 16 BLW. Final fluid level 7000', total load 560 bbls, total rec 236 bbls, 324 BLWTR. SDFN.

1/07/90 CTD \$2,243,572
Well shut in. Will resume swab testing 1-8-90.

1/08/90 CTD \$2,245,197
38 hr SITP 1400 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 4800'. Swabbed perfs 13,120-14,494' for 9 hrs, rec 150 BO & 10 BLW. Final fluid level 8000', final oil cut 95%. Total load 560 bbls, total rec 246 bbls, 314 BLWTR. SDFN. Will cont swab testing while working on frac design.

1/09/90 CTD \$2,246,822
14 hr SITP 1000 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 4500'. Swabbed perfs 13,120,14,494' for 9 hrs, rec 155 BO & 11 BW. Final fluid level 7000', final oil cut 95%. Total load 560 bbls, total rec 257 bbls, 303 BLWTR. SDFN. Will cont swab testing while working on frac design.

3/01/90

5

1/10/90 CTD \$2,248,447
14 hr SITP 850 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 4500'. Swabbed perms 13,120-14,494' for 9 hrs, rec 160 BO & 10 BW. Final fluid level 7000', final oil cut 95%. Total load 560 bbls, total rec 267 bbls, 293 BLWTR. SDFN. Will cont swab testing while working on frac design.

1/11/90 CTD \$2,250,072
14 hr SITP 800 psi, SICP 0 psi. Bled off gas & WIH w/swab, hit fluid level @ 3500'. Swabbed perms 13,120-14,494' for 9 hrs, rec 180 BO & 10 BW. Final fluid level 5000', final oil cut 95%. Total load 560 bbls, total rec 277 bbls, 283 BLWTR. SDFN.

1/12/90 CTD \$2,250,072
well flowed 193 BO + 18 BW in 24 hrs on 21/64" ck W/ FTP - 200 psi.

1/13/90 CTD \$2,250,072
well flowed 83 BO + 0 BW in 24 hrs on 21/64" ck W/ FTP - 200 psi.

1/14/90 CTD \$2,250,072
well flowed 38 BO + 0 BW in 24 hrs on 21/64" ck W/ FTP - 200 psi.

1/15/90 CTD \$2,252,464
Pumped 100 bbls 2% KCL wtr down tbg to kill well. Removed tree and installed BOP. POOH with heat string and released pkr. Pulled up to 8250' and re-set pkr. Filled and tested csg to 5000 psi, held OK. Bled off pressure and SWIFN. Prep to finish POH with 2-7/8" tbg. Should frac well 1/19/90.

1/16/90 CTD \$2,256,059
14 hours SITP 500 psi. SICP - zero. Bled off gas and pumped 50 bbls formation water down tubing to kill well. Finished POH with tubing and packer. Tested BOP to 5000 psi and SWIFN. Prep to set CIBP at 14,310' prior to frac job scheduled for 1/19/90.

3/01/90

6

- 1/17/90 CTD \$2,265,164
13 hr SICP 450 psi. Bled off gas & RU OWP. WIH w/7" CIBP on WL. Plug became stuck @ 13,803'. Worked WL for 2 hrs, no movement up or down. Set CIBP @ 13,803' & RD OWP. WIH w/6" mill, bumper sub & 6 4-3/4" drill collars on 2-7/8" tbg. Milled CIBP loose in 3 hrs & chased junk to btm @ 14,534'. Started POOH w/2-7/8" tbg. Will finish POOH w/mill & frac well 1/19/90.
- 1/18/90 CTD \$2,267,089
Pumped 50 bbls fm wtr down tbg to kill well. Finished POOH w/tbg, drill collars, bumper sub & mill. SDFN. Prep to frac.
- 1/19/90 CTD \$2,419,404
20 hr SICP 300 psi. RU Western and frac'd perfs 13,120-14,494' down 7" csg w/150,000 gals gelled wtr containing 22,500# of 100 mesh & 150,000# of 20-40 intermediate strength propanant (ISP). Screened out w/400 bbls flush pumped (100 bbls short of required displacement). Placed 39,000# of ISP in fm before screening out. Left 11,000# in csg above perfs. Avg inj rate 55 BPM @ 5800 psi, max press 6000 psi, ISDP 5700 psi, 75 mins 3630 psi. RD Western & left well shut-in to allow gel to break. Total load to rec 4060 bbls.
- 1/20/90 CTD \$2,419,404
Well SIFWE to allow gel to break. Prep to GIH w/bit to clean out sd.
- 1/22/90 CTD \$2,424,024
61 hr SICP 900 psi. Bled off press in 5 mins & waited 1 hr, well dead. WIH w/6" bit, bumper sub & 2 4-3/4" drill collars on 2-7/8" tbg. Ran bit to 10,000' & pumped 150 bbls fm wtr down csg, had returns of slick wtr w/a small amount of propanant up tbg. WIH to 12,741' & tagged propanant bridge. Circ'd hole clean w/fm wtr & SDFN. Prep to clean out to btm.
- 1/23/90 CTD \$2,427,349
13 hr SITP 0 psi, SICP 0 psi. Cont drilling out propanant from 12,741-12,980'. Had great difficulty w/failure of stripper rubbers. Circ'd hole clean & SDFN. Will cont cleaning out csg this AM.

3/01/90

7

- 1/24/90 CTD \$2,430,504
12 hr SITP 0 psi, SICP 0 psi. Drilled out propanant from 12,980-13,220' & from 14,355-14,534' (btm). Circ'd hole clean & pulled bit up to 12,741'. SDFN. Prep to POOH w/bit & run pkr.
- 1/25/90 CTD \$2,432,414
12 hr SITP 0 psi, SICP 0 psi. Finished POOH w/mill. WIH w/7" Baker Model "R" double grip pkr on 2-7/8" tbg. Set pkr @ 12,900' w/20,000# comp & landed tbg on split hanger. Set back press valve in 2-7/8" hanger & SDFN. Prep to run heat string.
- 1/26/90 CTD \$2,434,224
13 hr SICP 50 psi. Bled off gas & WIH w/211 jts 2-1/16" heat string. Landed 2-1/16" tbg on split hanger, removed BOP & installed tree. Tested pack-off to 5000 psi & csg to 1500 psi. Both held OK. Pulled back press valve, tbg had 100 psi. Circ'd heat string with hot oiler & connected downhole heat trace. SDFWE. Prep to run tracer log to determine frac job distribution.
- 1/29/90 CTD \$2,435,279
SITP 250 psi, SICP 0 psi. RU Halliburton logging service & attempted to run post-frac tracer survey. Halliburton could never get tools to function @ surf (much less downhole). RD Halliburton & left well SDFN. Will try again this AM.
- 1/30/90 CTD \$2,445,939
RU Halliburton Logging Service & ran post-frac tracer survey across perfs 13,120-14,494'. RD Halliburton & left well shut-in for night. Prep to swab test.
- 1/31/90 CTD \$2,447,614
SITP 350 psi, SICP 0 psi. Flowed well to frac tank for 4 hrs, rec 50 BO w/trace of wtr. Swabbed well to tank battery for 7 hrs, rec 80 BO w/trace of wtr. Final fluid level 7700'. SDFN.
- 2/01/90 CTD \$2,449,373
SITP 800 psi. Bled well down in 25 mins. IFL 2300'. Made 31 runs, FFL 8000'. Rec 165 BO & 48 BW. SDFN.

3/01/90

8

2/02/90 CTD \$2,451,232
SITP 800 psi. Bled well down in 25 mins. RU swab.
IFL 1400'. Made 29 runs. FFL 9500'. Rec 152 BO & 49
BW. SDFWE. 1000 psi, IFL 1200'.

2/05/90 CTD \$2,456,647
61 hr SITP 1000 psi, SICP 0 psi. Bled off gas & WIH
w/swab. Hit fluid level @ 1200'. Swabbed 7 hrs, rec
107 BO & 27 BW. FFL 9500'. Filled tbg w/90 bbls fm
wtr. Removed tree & installed BOP. POOH w/2-1/16"
heat string & SDFN. Prep to POOH w/2-7/8" tbg & set
CIBP.

2/06/90 CTD \$2,461,302
14 hr SITP 200 psi, SICP 0 psi. Bled off gas &
released pkr. Circ'd well w/fm wtr & POOH w/tbg & pkr.
Set 7" Baker CIBP on WL @ 13,100' & filled csg w/80
bbls fm wtr. Tested 7" csg to 1500 psi, held OK.
SDFN. Prep to perf.

2/07/90 CTD \$2,518,727
14 hr SICP 0 psi. WIH w/Guiberson tbg conveyed
perf'ing system (5" guns) & pkr on 2-7/8" tbg. Ran
GR-CCL log to spot guns, spaced out & set pkr @ 12,457'
w/26,000# comp. Landed tbg on split hanger & SDFN.
Prep to run heat string on perf. Complete perf'ing
details later.

3/01/90

9

2/08/90

CTD \$2,521,102

SITP & SICP 0 psi. WIH w/211 jts 2-1/16" heat string & landed same on split hanger. ND BOP & NU tree. Tested pack-off to 5000 psi & csg to 1500 psi. Both held OK. Swabbed tbg down to 5000' & dropped bar down 2-7/8" tbg to perf w/5" HSC guns as follows:

12,539-544'	12,713-715'	12,835-838'	12,956-12,959'
12,567-571'	12,720-726'	12,844-846'	12,970-12,975'
12,578-590'	12,731-735'	12,851-855'	12,980-12,985'
12,595-599'	12,739-743'	12,866-868'	12,996-13,003'
12,616-624'	12,745-748'	12,873-883'	13,005-13,009'
12,628-630'	12,750-755'	12,890-896'	13,032-13,034'
12,633-636'	12,770-772'	12,904-907'	13,036-13,038'
12,654-658'	12,774-781'	12,910-915'	13,049-13,058'
12,661-666'	12,789-797'	12,928-930'	13,060-13,063'
12,682-693'	12,811-816'	12,932-934'	
12,702-706'	12,824-832'	12,938-940'	

Total ft 196', total holes 784. All depths from HLS DLL (9/20/89). Waited 2-1/2 hrs, no flow. WIH w/swab. Hit fluid level @ 5400'. Swabbed 3 hrs, rec 10 BO & 38 BW. FFL 7000', final oil cut 50%. SDFN. Will cont swab testing this AM.

2/09/90

CTD \$2,522,862

13 hr SITP 500 psi. Bled off gas & WIH w/swab. Hit fluid level @ 5100'. Swabbed perfs 12,539-13,063' for 2-1/2 hrs. Rec 23 BO & 8 BW. Final fluid level 7400'. Filled tbg w/fm wtr. Removed tree & installed BOP. POOH w/2-1/16" heat string. Released pkr & POOH w/70 stds 2-7/8" tbg. SDFN.

2/10/90

CTD \$2,524,897

13 hr SITP 100 psi, SICP 100 psi. Bled off gas & pumped 100 bbls fm wtr down tbg to kill well. Finished POOH w/2-7/8" tbg, pkr & perf'ing guns. All guns fired. SDFN.

2/11/90

CTD \$2,524,897

SDFN. Should acidize 2-14-90.

2/12/90

CTD \$2,524,897

Well shut in, waiting on equip to acidize. Should acidize 2/14/90.

2/13/90

CTD \$2,524,897

Well shut in, waiting on equip to acidize. Should acidize 2/14/90.

3/01/90

10

2/14/90

CTD \$2,602,537

SICP 375 psi. RU Dowell-Schlumberger & acidized perfs 12,539-13,063' down 7" csg w/60,000 gals 7-1/2% HCl acid. Used 1300 balls, 1000# rock salt, 1000# benzoic acid flakes & 1000# wax beads for diversion. Completely balled out to 5500 psi w/10,000 gals acid in fm after block hit. SD for 15 mins & press fell to 2500 psi. Finished pumping remaining 50,000 gals acid w/900 ball sealers @ 24 BPM @ 5000 psi. Had fair diversion. Flushed w/2% KCl wtr. Avg inj rate prior to ball out 39 BPM @ 5000 psi, max press 5500 psi, ISDP @ end of flush 4800 psi, 15 mins 3500 psi. RD Dowell-Schlumberger & WIH w/7" Guiberson Uni-Pkr VI (w/tailpipe) on WL. Tailpipe consisted of 1.87" "F" nipple, 1.81" "F" nipple & expendible check on btm. Set pkr @ 12,456', bled off csg press (now down to 200 psi) & SDFN. Prep to GIH w/2-7/8" tbg & heat string.

2/15/90

CTD \$2,604,432

13 hr SITP 0 psi, SICP 0 psi. WIH w/on-off connector on 2-7/8" tbg. Latched onto 7" Uni-Pkr VI @ 12,456' & landed tbg on split hanger w/24,000# comp. WIH w/211 jts 2-1/16" heat string & landed same on split hanger. Removed BOP & installed tree. Tested csg to 1500 psi on pack-off to 5000 psi. Both held OK. SDFN. Prep to drop ball down 2-7/8" tbg & blow out expendible check.

2/16/90

CTD \$2,606,622

13 hr SITP 0 psi, SICP 0 psi. Dropped ball down 2-7/8" tbg & waited 1 hr. Ran swab mandrel on sand line to seat nipple @ 12,455' to make certain ball had fallen to btm. Hit no obstructions. Filled tbg w/50 BW & pumped out expendible check. Swabbed perfs 12,539-13,063' for 8 hrs, rec 18 BO & 90 BW. Final fluid level 5100'. Final oil cut 90%. Total load 2030 bbls, total rec 90 bbls, 1940 BLWTR. SDFN.

2/17/90

CTD \$2,608,382

13 hr SITP 400 psi, SICP 0 psi. Bled off gas & WIH w/swab. Hit fluid level @ 2700'. Swabbed perfs 12,539-13,063' for 10 hrs. Rec 114 BO & 95 BW. FFL 8000', final oil cut 40%. Total load 2030 bbls, total rec 185 bbls, 1845 BLWTR. SDFN.

3/01/90

11

- 2/18/90 CTD \$2,610,142
13 hr SITP 500 psi, SICP 0 psi. Bled off gas & WIH w/swab. Hit fluid level @ 3500'. Swabbed perfs 12,539-13,063' for 10 hrs. Rec 127 BO & 70 BW. FFL 7400', final oil cut 65%. Total load 2030 bbls, total rec 255 bbls, 1775 BLWTR. SDFWE. Will resume swab testing 2/20/90.
- 2/20/90 CTD \$2,611,902
37 hr SITP 1100 psi, SICP 0 psi. Bled off gas & WIH w/swab. Hit fluid level @ 1600'. Swabbed perfs 12,539-13,063' for 9 hrs, rec 113 BO & 73 BW. FFL 8500', final oil cut 60%. Total load 2030 bbls, total rec 328 bbls, 1702 BLWTR. SDFN. Prep to run tracer log to determine acid job distribution.
- 2/21/90 CTD \$2,621,117
13 hr SITP 600 psi, SICP 0 psi. Bled off gas & RU Halliburton logging service. Ran tracer survey to determine acid job distribution & RD Halliburton. WIH w/swab, hit fluid level @ 3000'. Swabbed perfs 12,539-13,063' for 4-1/2 hrs, rec 73 BO & 19 BW. Final fluid level 8000', final oil cut 75%. SDFN. Prep to pull tbg & drill out CIBP.
- 2/22/90 CTD \$2,623,232
13 hr SITP 625 psi, SICP 0 psi. Bled off gas & filled tbg w/wtr. Removed tree & installed BOP. POOH w/2-1/16" heat string. Worked Guiberson Uni-Pkr VI loose & started POOH w/2-7/8" tbg. SDFN. Prep to drill out CIBP.
- 2/23/90 CTD \$2,630,872
13 hr SITP 100 psi, SICP 100 psi. Bled off gas & finished POOH w/2-7/8" tbg & pkr. WIH w/6" mill, bumper sub & 6 4-3/4" drill collars on 2-7/8" tbg. Filled hole & cleaned out ball sealers & debris from 13,070' down to CIBP @ 13,100'. Circ'd hole clean & SDFWE. Prep to drill out CIBP & clean out to btm 2-26-90.
- 2/26/90 CTD \$2,636,987
61 hr SITP 0 psi, SICP 300 psi. Bled off gas & filled csg w/250 BW. Milled out CIBP @ 13,100' in 2 hrs & circ'd hole clean. Pushed remains down to btm @ 14,530' & POOH w/160 jts 2-7/8" tbg. SDFN. Prep to begin running rod pumping equip.

3/01/90

12

2/27/90

CTD \$2,639,067

13 hr SITP 200 psi, SICP 200 psi. Bled off gas & pumped 100 BW down csg & tbg to kill well. Finished POOH w/tbg, drill collars, bumper sub & mill. WIH w/BHA for rod pump on 2-7/8" tbg. Set anchor w/22,000# tension & landed 2-7/8" tbg on split hanger. WIH w/stinger & 47 stds of 2-1/16" tbg. SDFN. Prep to finish running 2-1/16" tbg & install wellhead. Complete tbg details later.

2/28/90

CTD \$2,643,337

13 hr SITP 250 psi, SICP 250 psi. Bled off gas & finished GIH w/2-1/16" tbg. Stung into side pocket adapter, spaced out & landed tbg w/3000# comp. ND BOP & NU wellhead. Flushed 2-7/8" tbg w/hot wtr & ran SV on slickline. Tested tbg to 2000 psi, held OK. RD pulling unit. Complete tbg details follow. WILL DROP FROM REPORT PENDING INSTALLATION OF PUMPING UNIT.

2-7/8" TBG DETAIL

Hanger	.67'
224 jts 2-7/8" 6.5# N-80 8rd tbg	6,979.12'
Nat'l side pocket adapter	3.95'
64 jts 2-7/8" 6.5# N-80 8rd tbg	1,995.84'
Seating Nipple (2.25" ID)	1.10'
1 jt 2-7/8" 8rd tbg	31.42'
7" Baker anchor catcher	2.35'
1 jt 2-7/8" 8rd tbg	30.79'
Nipple to hang 40' of 1" inside tbg	.95'
2-7/8" perf sub	10.30'
8 jts 2-7/8" 8rd tbg w/bull plug on btm	250.15'

TOTAL	9,328.04'

2-1/16" TBG DETAIL

KB correction	21.40'
Hanger x-over & subs (10',8',6')	24.58'
210 jts 2-1/16" 3.25#, N-80 10rd tbg	6,957.32'
Nat'l stinger	3.92'

TOTAL	7,007.22

WESTERN DIVISION
DAILY DRILLING & COMPLETION REPORTS
3/01/90

1

Swykes #2-21A2

DEV - Duchesne County, Utah - Bluebell/Altamont Field

Sec 21, T1S-R2W - Pennzoil - PZL W.I. 41.862508 - PD 14,500' - AFE #
07096074 - AFE cost \$1,810,000 Supplement \$743,000

COMPLETION

2/23/90

CTD \$2,630,872

13 hr SITP 100 psi, SICP 100 psi. Bled off gas & finished POOH w/2-7/8" tbg & pkr. WIH w/6" mill, bumper sub & 6 4-3/4" drill collars on 2-7/8" tbg. Filled hole & cleaned out ball sealers & debris from 13,070' down to CIBP @ 13,100'. Circ'd hole clean & SDFWE. Prep to drill out CIBP & clean out to btm 2-26-90.

2/26/90

CTD \$2,636,987

61 hr SITP 0 psi, SICP 300 psi. Bled off gas & filled csg w/250 BW. Milled out CIBP @ 13,100' in 2 hrs & circ'd hole clean. Pushed remains down to btm @ 14,530' & POOH w/160 jts 2-7/8" tbg. SDFN. Prep to begin running rod pumping equip.

2/27/90

CTD \$2,639,067

13 hr SITP 200 psi, SICP 200 psi. Bled off gas & pumped 100 BW down csg & tbg to kill well. Finished POOH w/tbg, drill collars, bumper sub & mill. WIH w/BHA for rod pump on 2-7/8" tbg. Set anchor w/22,000# tension & landed 2-7/8" tbg on split hanger. WIH w/stinger & 47 stds of 2-1/16" tbg. SDFN. Prep to finish running 2-1/16" tbg & install wellhead. Complete tbg details later.

3/01/90

2

2/28/90

CTD \$2,643,337

13 hr SITP 250 psi, SICP 250 psi. Bled off gas & finished GIH w/2-1/16" tbg. Stung into side pocket adapter, spaced out & landed tbg w/3000# comp. ND BOP & NU wellhead. Flushed 2-7/8" tbg w/hot wtr & ran SV on slickline. Tested tbg to 2000 psi, held OK. RD pulling unit. Complete tbg details follow. WILL DROP FROM REPORT PENDING INSTALLATION OF PUMPING UNIT.

2-7/8" TBG DETAIL

KB correction	21.40'
Hanger	.67'
224 jts 2-7/8" 6.5# N-80 8rd tbg	6,979.12'
Nat'l side pocket adapter	3.95'
64 jts 2-7/8" 6.5# N-80 8rd tbg	1,995.84'
Seating Nipple (2.25" ID)	1.10'
1 jt 2-7/8" 8rd tbg	31.42'
7" Baker anchor catcher	2.35'
1 jt 2-7/8" 8rd tbg	30.79'
Nipple to hang 40' of 1" inside tbg	.95'
2-7/8" perf sub	10.30'
8 jts 2-7/8" 8rd tbg w/bull plug on btm	250.15'

TOTAL	9,328.04'

2-1/16" TBG DETAIL

KB correction	21.40'
Hanger x-over & subs (10',8',6')	24.58'
210 jts 2-1/16" 3.25#, N-80 10rd tbg	6,957.32'
Nat'l stinger	3.92'

TOTAL	7,007.22

WESTERN DIVISION
DAILY DRILLING & COMPLETION REPORTS
3/21/90
1

Swykes #2-21A2

DEV - Duchesne County, Utah - Bluebell/Altamont Field

Sec 21, T1S-R2W - Pennzoil - PZL W.I. 41.86250* - PD 14,500' - AFE #
07096074 - AFE cost \$1,810,000 Supplement \$743,000

COMPLETION

3/17/90

CTD \$2,646,099

MIRU to run rods. Remove thread protectors from rods. Flush 2-7/8" tbg w/75 bbls hot fm wtr. PU & RIH w/rod pump, 15 7/8" rods, 181 3/4" rods, 78 7/8" rods, 84 1" rods. Space out rods, did not need subs. Press test to 500 psi. Pump up to 1000 psi w/rig, test OK. Hung off horse's head & rods. Start well to pump. SDFN.

3/18/90

CTD \$2,646,749

Check well, rods tagging. PU rods 4". RDMO.

3/20/90

CTD \$2,741,727.30

Labor & materials to install pumping unit \$92,628.30.
FINAL REPORT.

October 27, 1989

RECEIVED
OCT 30 1989

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

DIVISION
OIL, GAS & MINING

From: Marjorie A. Pirece
EDWARD ENGINEERING
888 South Lipan
Denver, CO 80223

RE: Transmittal of Geological Reports

~~CONFIDENTIAL~~
2-12B2

I have enclosed a copy of the geological reports for two of the wells just recently drilled by Pennzoil in Duchesne Co., Utah; the Swykes 2-21A2, located in Section 21, T1S, R2W, and the Sherman 2-12B2, located in Section 12, T2S, R2W. 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. Pirece
Marjorie A. Pierce

CONFIDENTIAL

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

RECEIVED
MAY 08 1990
DIVISION OF
OIL, GAS & MINING

Dear John:

Find duplicate copies of WELL COMPLETION REPORTS for the [REDACTED]
Hartman 2-31A3, and Miles 7-7B3.

Thanks,

DRL

D.R. Lankford

OIL REPORT	
FILED	FILED
JEE	SLH
JEE	SLG
1-7AS	
MICROFILM	
2-	FILE

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

6. Lease designation and Serial Number
7. Indian Allottee or Tribe Name
8. Unit or Communitization Agreement
9. Well Name and Number Swykes 2-21A2
10. API Well Number 43-013-31235-00
11. Field and Pool, or Wildcat Bluebell

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing well, 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)	
2. Name of Operator Pennzoil Company	
3. Address of Operator P.O. Box 10 Roosevelt, UT 84066	4. Telephone 801-722-5128
5. Location of Well Footage : 1104' FNL & 920' FEL County : Duchesne QQ, Sec, T., R., M. : Section 21, T1S, R2W State : Utah	

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion 9-Jun-94

Report results of Multiple Completion and Recompletion 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 location and measured and true vertical depths for all markers and zones pertinent to this work.)

6/5/94 RU pulling unit.

6/6/94 Finished pulling rods and tbg.

6/7/94 Tagged bottom at 14,530' with slickline.

6/8/94 Finished running all tbg and rods. Lowered rod pumping depth 1650'.

6/9/94 RD pulling unit.

Estimated final cost (100% basis) - \$26,500

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

Name & Signature	<u>Jess Dullnig</u>	Title	<u>Petroleum Engineer</u>	Date	<u>3-Oct-95</u>
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(State Use Only)

*tax credit
5/25/95*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Pennzoil Company

3. Address and Telephone No.
P.O. Drawer 10 Roosevelt, UT 84066 (801) 722-6222

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1104' FNL & 920' FEL of Section 21, T1S, R2W

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation
NW590

8. Well Name and No.
Swykes 2-21A2

9. API Well No.
43-013-31235-00

10. Field and Pool, or Exploratory Area
Bluebell - Wasatch

11. County or Parish, State
Duchesne

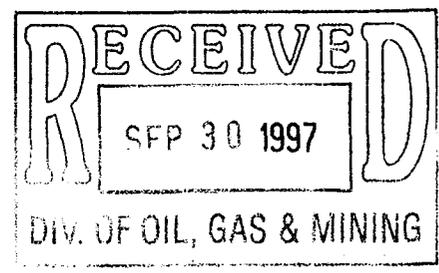
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 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>Perf additional pay in Wasatch</u>	<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)

Pennzoil plans to perforate additional Wasatch pay from 10,972' to 13,656' (38 intervals, 157', 314 holes) and acidize in stages. Work should begin in the next 30 days.



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

Signed Jess Dullnig *Jess Dullnig* Title Petroleum Engineer Date 29-Sep-97

(This space of Federal or State office use.)

Approved by John R. Boya *John R. Boya* Title Associate Director Date 10/2/97

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
Pennzoil Company

3. Address and Telephone No.
P.O. Drawer 10 Roosevelt, UT 84066 (801) 722-6222

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1104' FNL & 920' FEL of Section 21, T1S, R2W

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation
NW590

8. Well Name and No.
Swykes 2-21A2

9. API Well No.
43-013-31235-00

10. Field and Pool, or Exploratory Area
Bluebell - Wasatch

11. County or Parish, State
Duchesne

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

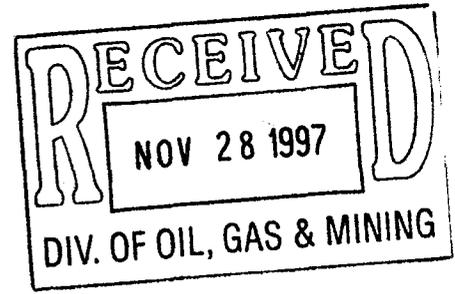
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Perf additional pay in Wasatch</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

(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)

SUMMARY OF COMPLETED WORKOVER

- 10/6/97 RU pulling unit and POOH with rods.
- 10/7/97 POOH with tbg.
- 10/10/97 Acidized old perfs 13,694-14,494 with 12,000 g 15% HCL & old perfs 12,539-14,494' with 2200 g 15% HCL.
- 10/13/97 Perf'd additional Wasatch pay from 12,649' to 13,656' (30', 60 holes).
- 10/15/97 Acidized 13,561-13,656' with 1800 g 15% HCL.
Acidized 13,032-13,522' with 10,000 g 15% HCL.
Acidized 12,539-13,522' with 9300 g 15% HCL.
Acidized 12,539-12,666' with 2500 g 15% HCL.
- 10/21/97 Set 7" one-way CIBP at 12,300'.
Perf'd additional Wasatch pay from 10,972' to 11,897' (127', 254 holes).
- 10/22/97 Set production pkr at 10,820'.
- 10/23/97 Finished running production tbg.
- 10/29/97 Ran production log.
- 10/31/97 RD pulling unit and left well flowing. Will run rods when well dies.



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

Signed Jess Dullnig Title Petroleum Engineer Date 25-Nov-97

(This space for Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
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2. Name of Operator
Pennzoil Company

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4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1104' FNL & 920' FEL of Section 21, T1S, R2W

5. Lease Designation and Serial No.
Fee

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation
NW590

8. Well Name and No.
Swykes 2-21A2

9. API Well No.
43-013-31235-00

10. Field and Pool, or Exploratory Area
Bluebell - Wasatch

11. County or Parish, State
Duchesne

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

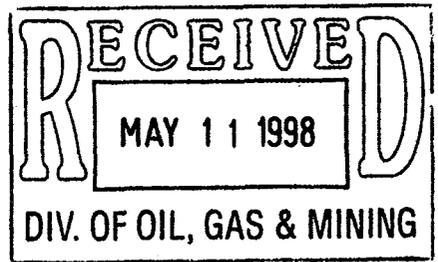
TYPE OF SUBMISSION		TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing	
	<input 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>Perf additional pay in Wasatch and acidize</u>	<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)

SUMMARY OF COMPLETED WORKOVER

- 10/6/97 RU pulling unit and POOH with rods.
- 10/7/97 POOH with tbg.
- 10/10/97 Acidized old perfs 13,694-14,494 with 12,000 g 15% HCL & old perfs 12,539-14,494' with 2200 g 15% HCL.
- 10/13/97 Perf'd additional Wasatch pay from 12,649' to 13,656' (30', 60 holes).
- 10/15/97 Acidized 13,561-13,656' with 1800 g 15% HCL.
Acidized 13,032-13,522' with 10,000 g 15% HCL.
Acidized 12,539-13,522' with 9300 g 15% HCL.
Acidized 12,539-12,666' with 2500 g 15% HCL.
- 10/21/97 Set 7" one-way CIBP at 12,300'.
Perf'd additional Wasatch pay from 10,972' to 11,897' (127', 254 holes).
- 10/22/97 Set production pkr at 10,820'.
- 10/23/97 Finished running production tbg.
- 10/29/97 Ran production log.
- 10/31/97 RD pulling unit and left well flowing. Will run rods when well dies.
- 2/14/98 Set straddle pkr at 11,480' and 11,740' in an unsuccessful attempt to shut off water.
- 2/19/98 Ran production log.
- 3/4/98 Ran production log.
- 3/17/98 Finished retrieving straddle packers described 2-14-98.
- 3/20/98 Acidized perfs 10,972-11,897' with 7600 g 15% HCL in three stages using pkr/RBP.
- 3/30/98 Converted well to submersible pump.



*WTC
12-23-98*

14. I hereby certify that the foregoing is true and correct
 Signed Jess Dullnig *Jess Dullnig* Title Petroleum Engineer Date 8-May-98

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	<input checked="" type="checkbox"/>	4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-510	<input checked="" type="checkbox"/>
3. JLT	<input type="checkbox"/>	6-FILE	<input type="checkbox"/>

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 EXPLORATION & PRODUCTION CO
Address: P. O. BOX 4616 6TH FLOOR
HOUSTON, TX 77210-4616
Phone: 1-(713)-546-6590
Account No. N2885

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 No. N1275

CA No.

Unit:

WELL(S)

NAME	CA	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
DUNCAN 4-12A2	CA (UTU77336)	43-013-31233	10990	12-01S-02W	FEE	GW	TA
WOODWARD 1-21A2	CA (590)	43-013-30130	5665	21-01S-02W	FEE	OW	P
SWYKES 2-21A2	CA (590)	43-013-31235	10998	21-01S-02W	FEE	OW	P
MARK 2-25A2	CA (537)	43-013-31232	10986	25-01S-02W	FEE	OW	P
COOK 1-26B1	CA (UTU68998)	43-047-31981	11212	26-02S-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
- Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
- If **NO**, the operator was contacted on: _____
- 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
- 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") Prog:** 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: 11/24/2000
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/24/2000
- 3. Bond information entered in RBDMS on: 11/24/2000
- 4. Fee wells attached to bond in RBDMS on: 11/24/2000

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: _____
- 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:



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.

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.

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APR 20 2000

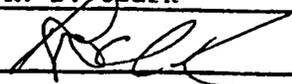
DIVISION OF
OIL, GAS AND MINING

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. Glark
(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
P.O. Box 2967
Houston, TX 77252-2967

Oil and Gas

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)

Devon Energy Production Company, L.P.

FILED

DEC 30 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

LD 635581-001

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.



Mike Hunter
Secretary of State

By: *Burt Lane*

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	SENW-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	SENW-23-1S-2W	DUCHESNE	BLUEBELL	
14	4301330119	VERL JOHNSON 1-27A2	SWNE-27-1S-2W	DUCHESNE	BLUEBELL	
15	4301330120	TOMLINSON FED 1-25A2	SENW-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	SENW-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	

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>
28	4301330297	GEORGE MURRAY 1-16B1	SEnw-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	SEnw-5-1S-2W	DUCHESNE	BLUEBELL	
31	4301330359	H G COLTHARP 1-15B1	SEnw-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	SEnw-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	SEnw-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	SEnw-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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DIVISION OF
OIL, GAS AND MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____			5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY L.P.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY NEOLA STATE UT ZIP 84053		PHONE NUMBER: (435) 353-4121	7. UNIT or CA AGREEMENT NAME: NW590
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1104' FNL 920 ^w F _{EL}			8. WELL NAME and NUMBER: SWYKES 2-21A2
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 21 T1S R2W			9. API NUMBER: 4301331235
			10. FIELD AND POOL, OR WILDCAT: BLUEBELL/LGR-WASATCH
			COUNTY: DUCHESNE
			STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/15/2001</u>	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CEMENT SQUEEZE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU WORKOVER RIG, PULL TEST DEADMEN, PULL PRODUCTION TUBING TIH WITH A 6" MILL, CLEAN OUT TO THE TOP OF THE ONE-WAY PLUG AT 12,300'. ISOLATE THE INTERVAL 11610-11640 AND CEMENT SQUEEZE WITH 80 SKS "G" WITH ADDITIVES DRILL OUT RETAINER AND CEMENT TIH WITH A PACKER, SWAB TEST THE PERFORATIONS 12539-14494 THROUGH THE ONE-WAY PLUG AT 12,300'. SWAB TEST THE PERFORATIONS 10972-11897 TO DETERMINE IF THE SQUEEZE SHUT OFF THE WATER. PUMP TEST THE WELL PRIOR TO STAGE 2

STAGE 2

SET AN RBP AT 10950, FILL AND TEST THE PLUG AND CASING TO 1500 PSI. PERFORATE THE LOWER GREEN RIVER 10352-10892 (31 INTERVALS, 211', 211 HOLES) TIH WITH A TREATING PACKER, SET THE PACKER AT 10250', FILL AND TEST THE ANNULUS TO 1000 PSI. ACIDIZE THE PEFORATIONS 10352-10892 WITH 10550 GALS 15% HCL ACID WITH ADDITIVES AND 225 BALLS FOR DIVERSION. SWAB TEST. RELEASE PACKER, PULL PACKER AND PLUG. RETURN TO PRODUCTION COMMINGLED WITH THE WASATCH PERFORATIONS.

DOGMA

NAME (PLEASE PRINT) John Pulley TITLE Sr. Operations Engineer
SIGNATURE *John Pulley* DATE 4/23/2001

(This space for State use only)

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

DATE: 4/30/01
BY: *R. Allen*
(See Instructions on Reverse Side)

COPY SENT TO OPERATOR
Date: 4/30/01
Initials: CHD

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APR 25 2001

DIVISION OF
OIL, GAS AND MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
NW590

8. WELL NAME and NUMBER:
SWYKES 2-21A2

9. API NUMBER:
4301331235

10. FIELD AND POOL, OR WILDCAT:
BLUEBELL/LGR-WASATCH

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1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
DEVON ENERGY PRODUCTION COMPANY L.P.

3. ADDRESS OF OPERATOR:
P.O. BOX 290 CITY NEOLA STATE UT ZIP 84053

PHONE NUMBER:
(435) 353-4121

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1104' FNL 920 F^WL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: ^{NW/NE} NENE 21 T1S R2W

COUNTY: DUCHESNE

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 11/15/2003	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
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	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CEMENT SQUEEZE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU WORKOVER RIG, PULL TEST DEADMEN, PULL PRODUCTION TUBING TIH WITH A 6" MILL, CLEAN OUT TO THE TOP OF THE ONE-WAY PLUG AT 12,300'. ISOLATE THE INTERVAL 11610-11640 AND CEMENT SQUEEZE WITH 80 SKS "G" WITH ADDITIVES DRILL OUT RETAINER AND CEMENT TIH WITH A PACKER, SWAB TEST THE PERFORATIONS 12539-14494 THROUGH THE ONE-WAY PLUG AT 12,300'. SWAB TEST THE PERFORATIONS 10972-11897 TO DETERMINE IF THE SQUEEZE SHUT OFF THE WATER. PUMP TEST THE WELL PRIOR TO STAGE 2

STAGE 2 IF DEEMED NECESSARY
SET AN RBP AT 10950, FILL AND TEST THE PLUG AND CASING TO 1500 PSI.
PERFORATE THE LOWER GREEN RIVER 10352-10892 (31 INTERVALS, 211', 235 HOLES)
TIH WITH A TREATING PACKER, SET THE PACKER AT 10250', FILL AND TEST THE ANNULUS TO 1000 PSI.
ACIDIZE THE PERFORATIONS 10352-10892 WITH 10550 GALS 15% HCL ACID WITH ADDITIVES AND 250 BALLS FOR DIVERSION.
SWAB TEST.
RELEASE PACKER, PULL PACKER AND PLUG.
RETURN TO PRODUCTION COMMINGLED WITH THE WASATCH PERFORATIONS.

STATE

NAME (PLEASE PRINT) John Pulley

TITLE Sr. Operations Engineer

SIGNATURE *John Pulley*

DATE 10/15/2003

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: 10/24/03
BY: *D. K. Sutt*

COPY SENT TO OPERATOR
Date: 10-27-03
Initials: LHO

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OCT 17 2003

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: NW590
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: SWYKES 2-21A2
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, LP		9. API NUMBER: 4301331235
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY NEOLA STATE UT ZIP 84066	PHONE NUMBER: (435) 353-4121	10. FIELD AND POOL, OR WILDCAT: BLUEBELL/LGR-WASATCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1104' FNL 920' FEL		COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 21 T1S R2W		STATE: UTAH

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	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>9-1-04</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CEMENT SQUEEZE</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CLEANOUT TO TOP OF ONE-WAY PLUG @ 12,300'.
SET RBP @ 11,800'. SET CEMENT RETAINER @ 11,605'.
CEMENT SQUEEZE PERFORATIONS 11,640 - 11,656' W/ 100 SKS 15.8# TYPE 'G' W/ ADDITIVES.
DRILL OUT CEMENT TO ONE-WAY PLUG @ 12,300'. MILL ONE-PLUG @ 12,300' PUSHED TO 12,870'.
RETURN TO PRODUCTION FROM 10,972 - 14,494'.

STAGE TWO HAS BEEN POSTPONED, A NEW NOTICE OF INTENT WILL BE SUBMITTED FOR FUTURE WORK.

NAME (PLEASE PRINT) <u>GEORGE GURR</u>	TITLE <u>PRODUCTION FOREMAN</u>
SIGNATURE	DATE <u>9/23/2004</u>

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SEP 2 / 2004

PENNZOIL COMPANY

Swykes 2-21A2

NW/4 Section 21, T1S, R2W
Bluebell - Altamont Field
Duchesne Co., Utah

EDWARD ENGINEERING
Marjorie A. Pierce
Geological Engineer

TABLE OF CONTENTS

- I. Well Summary
- II. Geologic Summary
- III. Electric Log Tops
- IV. Summary of Potential Productive Intervals
Recommended for Perforation
- V. Drilling and Logging Summary
- VI. Daily Log of Operations
- VII. Bit Record
- VIII. Mud Record
- IX. Distribution of Records
- X. Drilltime Log

WELL SUMMARY - SWYKES 2-21A2

OPERATOR: Pennzoil Company

LEASE: Swykes 2-21A2

LOCATION: Field: Bluebell-Altamont Field
Legal: NW/4 Section 21, T1S, R2W
1104' FNL, 920' FWL
County: Duchesne County, Utah

ELEVATION: Ground Level: 5905' Kelly Bushing: 5926'

SPUD DATE: 24 July 1989

CEASE DRILLING: 19 September 1989

TOTAL DEPTH: 14,580' Driller
14,577' Steel Line Measure
14,576' Logger
14,580' Final Total Depth

CASING PROGRAM: 10 3/4" Surface Casing set at 5220'
7" Casing set at 14,580'

MUD PROGRAM: Mud Company: Milpark Drilling Fluids
Mud Engineer: Lynn Brandhagen, Johnny Sherman
Jim Garcia, "Lew" Arnold,
Frank Wilson
Mud Type: Gel-Lime: surface - 300'
Water: 300' - 11,000'
Weighted/Newdrill: 11,000' - 14,580'

SAMPLE PROGRAM: Caught: 30' surface - 6,000'
10' 6,000' - 14,580'
Examined: 6,000' - 14,580' by mudloggers verified
by wellsite geologist
Mudlogging: Rocky Mountain Geo-Engineering
24 hour - 2 man unit 6000'-11,000'
12 hour - 1 man unit 11,000'-14,580'
FID total gas detection
FID Chromatography
Mudloggers: Phil Littlefield, Peter Recks

CONTRACTOR: Grace Rig No. 186
Toolpushers: Charles Cruth, E.L. "Bo" Sherman
Drillers: W.C. Wilson, Jerry Johnson,
Alvin Nielsen, Al Guffey

ELECTRIC LOGGING: Halliburton Logging Services

Run 1: Engineer: Pat Baker, Joe Kopfman

Log Types: Dual Laterolog Microguard

5219'- 14,576'

Micro-SFL

5219'- 14,576'

Gamma Ray

surface- 14,576'

Spectral Density Dual Spaced

Neutron II Log

6500'- 14,576'

Full Wave Sonic Log

5219'- 14,576'

High Resolution Temperature

Log 5219'- 14,576'

Four Arm Caliper Log

5219'- 14,576'

Borehole Televiwer (CAST)

6500'- 9200' (invalid)

WELLSITE SUPERVISOR: Danny Laman, W.M. Smith -"Smitty"
Deloy Duncan, Jim Jackson

WELLSITE GEOLOGIST: Marjorie A. Pierce

GEOLOGIC SUMMARY - SWYKES 2-21A2

The Pennzoil Company Swykes 2-21A2 was drilled as a Wasatch test in the NW/4 of Section 21, T1S, R2W of Duchesne County, Utah. The Swykes 2-21A2 was drilled to a total depth of 14,580 feet, 80 feet below the projected T.D. of 14,500 feet. The extra footage was drilled to get 100 feet below the top of the Three Fingered Lime which was penetrated a depth of 14,474 feet. This new development well is a northeast offset to the recently drilled Pennzoil 2-20A2 Lamicq. The Swykes 2-21A2 well is surrounded by Wasatch and Green River producers.

The Swykes 2-21A2 penetrated 6,598 feet of the Uinta and Duchesne formations, followed by approximately 4,718 feet of Green River formation, and 3,264 feet into the Wasatch formation before reaching a total depth of 14,580 feet. No water flows were encountered at the Swykes 2-21A2 location while drilling through the Uinta and Duchesne formations, but approximately 4200 barrels of drilling fluid were lost while drilling the surface hole from a depth of 800 feet to 5,220 feet. 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 (6,598'-8,010'), the Upper Green River littoral facies with 584 feet of potential pay; Stage IV (8,010'-10,084'), the Upper Green River separated from the littoral facies by the Trona I with 888 feet of potential pay; and Stage III (10,084'-11,316'), the Lower Green River lacustrine facies with 609 feet of potential pay. Stages III, IV, and V are all normally pressured and a total of 2,081 feet or 44% of the Green River formation may be potentially productive. The Green River formation was drilled with water to a depth of 10,900 feet before switching the system to mud. It should be noted that several of the potentially productive intervals within Stage V appear to be highly invaded, as shown by the Dual Laterolog, indicating possible formation damage from mud losses incurred while drilling the Swykes 2-21A2. The Green River shows in the Swykes 2-21A2 appear to be fairly good in comparison to other recently drilled Green River sequences. The best Green River shows were #9 and #10 (11,098'-11,116') in the CP70 member of the lower Green River formation.

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 and then back to the transitional red bed sequence. The second transitional red wedge was not penetrated by the Swykes 2-21A2, drilling ceased at a depth of 14,580 feet in the lacustrine facies of the Wasatch formation. The Wasatch formation penetrated in the Swykes 2-21A2 from a depth of 11,316 feet to 13,560 feet was normally pressured. The first occurrence of abnormally high pressure was encountered with show #22 (13,570'-13,585') where a mud weight of 12.0 lbs./gal. was required to control the flow of oil from the formation into the mud system. It should also be noted that pentanes (iC5 & nC5) were registered by the chromatograph with show #22 and continued to register on the background gas readings as well as all remaining shows to T.D. (14,580'). The well reached total depth of 14,580 feet with a maximum mud weight of 13.3 lbs./gal. Intermediate casing was not considered necessary at this location. The Wasatch formation has been divided into two stages relative to the different lithofacies for completion purposes; Stage II (11,316'-13,370') the Wasatch 1st Red Wedge has 761 feet of potential pay; and Stage I (13,370'-14,580') the Wasatch lacustrine facies has 367 feet of potential pay. The Wasatch formation has a total of 1,128 feet of potential pay or 35% of total Wasatch section penetrated by the Swykes 2-21A2. Potential production from the Wasatch formation is expected to be good at this location. The best Wasatch show was encountered in the Wasatch/200 member with show #24 (13,758'-13,763'). Lost circulation became a major problem once the mud weight reached 12.0 lbs./gal. and higher in the overpressured interval of the Wasatch formation in the Swykes 2-21A2. It could not be determined whether the losses occurred uphole in the Green River formation or in the Wasatch formation, so formation damage could be a problem throughout the entire well.

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 Swykes 2-21A2 (this service was not requested by Pennzoil for this job). Please refer to the mud log provided by Rocky Mountain Geo-Engineering Co. for a detailed description of the samples which were examined and verified daily by the geologist and the mudloggers.

ELECTRIC LOG TOPS - SWYKES 2-21A2

Formation	Depth	Subsea	Structural Comparison to Woodward 1-21A2
Green River	6598	- 672	64' low
Green River/Z	7486	-1560	3' high
Evacuation Creek	7560	-1634	2' high
Trona I	8010	-2084	21' low
Parachute Creek	8688	-2762	49' low
Mahogany Bench	8818	-2892	29' low
Green River/DJ	9340	-3414	61' low
Douglas Creek/H	10,084	-4158	63' low
Green River/HI	10,224	-4298	45' low
CP 70	10,916	-4990	52' low
Wasatch/ Top of Red Wedge	11,316	-5390	
Base of Red Wedge	13,370	-7444	
Wasatch/TAP Hi	13,560	-7634	
Wasatch/200	13,750	-7824	420' low
Wasatch/215	14,047	-8121	409' low
Wasatch/216	14,168	-8242	404' low
Wasatch/TFL	14,474	-8548	394' low
Total Depth	14,580	-8654	

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE I - Wasatch Lacustrine Facies, normal & overpressured

E-Log Depth	Mudlog	GR	ET	Total Gas	Oil	Mud Wt.	Sample Pract	Show	Net	Remarks
GR on DLL	Depth	<60	>30	units	in	in/out	Show	Report	Pt. Quality	
		API	ohms		Mud			Pay		
13,370	13,370	Base of 1st Red Wedge, top of Wasatch Lacustrine Facies, normal pressured								
13,411-14	13,411-14	yes	yes	4800-4000	yes	11.9/11.3	no	ft,fl	3	poor
13,423-30	13,423-30	yes	yes	3500-5000	yes	11.9/11.4	no	ft,fl	7	good brown oil
13,460-72	13,460-72	yes	yes	4000-4000	yes	12.0/11.6	no		12	fair brown oil
13,486-91	13,486-91	yes	yes	3800-3600	yes	12.0/11.6	no	fl	5	poor
13,500-505	13,500-505	yes	yes	3000-3000	some	12.0/11.6	no	ft,fl	5	poor
13,560	13,560	Wasatch / "TAP Hi", top of overpressured interval								
13,560-77	13,560-77	yes	yes	600-4160	yes	12.0/11.7	yes	ft,fl	#22	17 v.good brown oil
13,596-610	13,596-610	yes	yes	4000-4000	yes	12.0/11.8	some		14	good brown oil
13,694-703	13,694-703	yes	yes	600-1980	yes	12.0/11.7	yes	ft	#23	9 good green-brown oil
13,707-10	13,707-10	yes	yes	990-1600	yes	12.0/11.5	yes	ft	3	fair
13,732-36	13,732-36	yes	yes	3000-3700	yes	12.0/11.5	no		4	fair
13,750	13,750	Wasatch / CP 200								
13,744-64	13,744-64	some	some	3700-10,240	yes	12.0/10.4	yes	ft	#24	20 v.good well flowing - SI
13,782-88	13,782-88	yes	yes	5500-5500	yes	12.5/10.9	no	ft	6	good green-brown oil
13,794-816	13,794-816	some	some	NR	yes	12.6/11.4	no	ft,fl	22	fair lost circ.-800 bbls.
13,832-57	13,832-57	some	some	600-4160	yes	12.8/11.9	yes	ft,fl	#25	25 good green-brown oil
13,866-72	13,866-72	yes	yes	2800-3200	yes	12.8/12.5	no	ft,fl	6	fair
13,876-900	13,876-900	yes	some	3000-3000	yes	12.8/12.5	no	ft	24	fair
13,906-14	13,906-14	yes	yes	3000-3400	yes	12.8/12.5	no	ft	8	fair
13,922-34	13,922-34	some	yes	3600-5000	yes	12.8/12.1	no	fl	12	fair lost 164 bbls.
13,945-51	13,945-51	yes	yes	4500-4000	yes	12.8/12.4	no	ft,fl	6	fair DLL pulled tight
14,047	14,047	Wasatch / CP 215								
14,055-62	14,055-62	yes	yes	3700-4600	yes	12.8/12.3	no	ft	7	fair
14,092-104	14,092-104	yes	some	3600-3600	yes	12.8/12.3	no	ft,fl	12	fair
14,142-60	14,142-60	yes	some	4000-3800	yes	12.8/12.3	no	ft	18	poor
14,168	14,168	Wasatch / CP 216								
14,170-77	14,170-77	yes	yes	3600-3600	yes	12.8/12.3	yes	ft	7	fair
14,184-202	14,184-202	yes	yes	2300-2300	yes	12.8/12.4	yes	ft,fl	18	fair
14,207-12	14,207-12	yes	yes	2600-2600	yes	12.8/12.3	yes	ft	5	fair
14,224-30	14,224-30	no	yes	3700-3700	yes	12.8/12.0	no	ft	6	fair DLL pulled tight
14,238-42	14,238-42	yes	yes	3700-3700	yes	12.8/12.0	no	ft	4	fair
14,246-60	14,246-60	yes	yes	3400-4000	yes	12.8/11.8	no	ft,fl	14	fair
14,278-84	14,278-84	yes	yes	3300-3400	yes	12.9/11.8	no	ft	6	fair
14,336-46	14,336-46	yes	yes	3200-3800	yes	13.0/12.0	no		10	fair
14,376-80	14,376-80	yes	?	3500-3500	yes	13.0/12.2	no	ft,fl	4	fair DLL pulled tight
14,400-405	14,400-405	yes	yes	NR	no	13.1/11.9	no	ft,fl	5	poor lost circ.-600 bbls.
14,410-13	14,410-13	yes	yes	NR	no	13.1/11.9	no	ft,fl	3	poor lost circ.
14,474	14,474	Wasatch / Three Fingered Lime								
14,476-94	14,476-94	yes	yes	3200-6720	yes	13.2/12.0	yes	ft	#26-#27	18 good
14,514-19	14,514-19	yes	yes	2300-2900	yes	13.2/12.2	no		5	fair
14,524-32	14,524-32	yes	yes	1600-3400	yes	13.2/12.4	no		8	fair
14,542-51	14,542-51	NR	yes	NR	yes	13.3/11.9	no		9	poor lost circ.-568 bbls.

STAGE I SUBTOTAL

367

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE II - Wasatch, 1st Red Wedge, 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	Ft. Quality	
		API	ohms		Mud				Pay	

11,316	11,316	Wasatch - Top of 1st Red Wedge								
11,358-92	11,358-92	yes	yes	900-7680	yes	10.1/10.0	yes	fs,fl	#11	34 v.good brown oil
14,400-408	14,400-408	yes	yes	6200-6600	yes	10.2/9.8	yes	fs		8 fair
11,420-40	11,420-40	yes	yes	6400-7840	yes	10.4/9.7	yes	fs	#12	20 good brown oil
11,470-84	11,470-84	yes	some	5500-3000	no	10.6/9.6	yes	fs		14 fair raise wt. to 10.9#
11,506-15	11,506-15	yes	yes	2000-5200	yes	10.8/10.1	yes		#13	9 good green-brown oil
11,550-66	11,550-66	yes	yes	3000-4000	yes	10.8/10.2	yes		#14	16 good green-brown oil
11,640-58	11,640-58	yes	yes	4000-4300	yes	10.7/10.1	yes	fl	#15	18 good green-brown oil
11,678-714	11,678-714	yes	yes	4300-5300	yes	10.7/9.9	yes		#16	36 good brown oil
11,767-84	11,767-84	yes	some	4800-3000	no	10.9/10.6	no	fl		17 poor
11,802-16	11,802-16	yes	some	3000-3700	no	10.9/10.5	no			14 poor
11,856-68	11,856-68	yes	yes	3200-3920	trace	10.9/10.6	yes		#17	12 good brown oil
11,888-98	11,888-98	yes	yes	3200-4000	trace	10.9/10.7	yes		#18	10 good brown oil
11,916-30	11,916-30	yes	yes	3200-4000	no	10.9/10.5	no	fl		14 fair
11,934-48	11,934-48	yes	yes	3000-2800	no	10.9/10.6	no	fl		14 poor
11,991-014	11,991-014	yes	some	3000-4000	no	10.9/10.5	no			23 fair
12,113-21	12,113-21	yes	yes	3000-3000	no	10.9/10.6	no			8 fair
12,150-56	12,150-56	yes	yes	3000-3500	no	10.9/10.4	no			6 fair
12,167-70	12,167-70	yes	yes	3500-3500	no	10.9/10.4	no			3 fair
12,226-32	12,226-32	yes	yes	5000-5000	no	10.9/9.9	no			6 fair
12,295-98	12,295-98	yes	yes	3000-3000	no	10.9/10.4	no			3 poor
12,328-35	12,328-35	yes	yes	2800-4000	no	11.0/10.6	no			7 fair
12,340-47	12,340-47	yes	yes	2000-4000	no	11.0/10.5	no			7 fair
12,377-80	12,377-80	yes	yes	4400-4600	no	11.0/10.3	no			3 fair
12,463-80	12,463-80	yes	yes	5000-3000	no	11.2/10.6	no	fl		17 fair
12,486-94	12,486-94	yes	yes	1400-1400	no	11.2/10.8	no	fl		8 fair
12,532-50	12,532-50	yes	some	3000-6000	(yes)	11.2/10.2	no	fl		18 good LAT, DLL pulled tite
12,560-75	12,560-75	yes	some	4000-6000	(yes)	11.2/10.4	no	fl		15 fair LAT, DLL pulled tite
12,578-600	12,578-600	yes	yes	4000-4500	no	11.2/10.8	no	fl		22 fair
12,617-36	12,617-36	yes	yes	2000-4000	no	11.2/10.5	no	fl		19 fair
12,648-66	12,648-66	yes	some	1000-2200	no	11.2/10.8	no			18 poor trip for bit
12,682-93	12,682-93	yes	yes	1000-820	(yes)	11.3/11.0	no	fl		11 poor LAT
12,700-706	12,700-706	yes	yes	900-1200	(yes)	11.2/10.9	no	fl		6 poor LAT
12,712-16	12,712-16	yes	yes	100-880	trace	11.2/10.9	no	fl		4 poor LAT
12,720-26	12,720-26	yes	yes	800-800	no	11.2/10.6	no			6 poor
12,731-35	12,731-35	yes	yes	980-1800	no	11.2/10.6	no	fl		4 poor
12,739-56	12,739-56	yes	yes	1800-4640	yes	11.2/10.2	yes	ft,fl	#19	17 good brown oil
12,768-804	12,768-804	yes	yes	5000-7800	yes	11.3/10.0	yes	ft,fl	#20	36 good brown oil
12,811-18	12,811-18	yes	yes	670-900	trace	11.4/11.3	yes			9 fair
12,824-32	12,824-32	yes	yes	900-1200	trace	11.3/11.2	yes	fl		8 fair
12,836-46	12,836-46	yes	some	870-1000	trace	11.3/11.2	no	fl		10 fair
12,851-56	12,851-56	yes	yes	970-970	no	11.3/11.3	no	fl		5 fair
12,873-84	12,873-84	yes	yes	800-700	no	11.4/11.3	no	fl		11 fair
12,890-96	12,890-96	yes	yes	650-600	no	11.4/11.3	no			6 fair
12,904-16	12,904-16	yes	yes	600-700	no	11.4/11.3	no			12 fair
12,928-44	12,928-44	yes	some	800-970	no	11.4/11.2	no	fl		16 fair

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE II - Wasatch, 1st Red Wedge, 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	Ft. Quality	
		API	ohms		Mud				Pay	
12,956-62	12,956-62	yes	yes	900-900	no	11.4/11.0	no	fl	6	fair
12,980-85	12,980-85	yes	yes	800-800	no	11.3/11.0	no		5	fair
12,996-009	12,996-009	yes	some	800-1000	no	11.4/11.1	no		13	fair
13,025-43	13,025-43	yes	some	300-300	(yes)	11.4/11.3	no	ft,fl	18	poor trip for bit
13,049-70	13,049-70	yes	some	300-580	no	11.4/11.3	no	fl	21	poor
13,080-95	13,080-95	yes	some	500-530	no	11.4/11.3	no	ft,fl	15	poor lost 20 bbls. mud
13,100-10	13,100-10	yes	some	700-1000	no	11.4/11.2	no	fl	10	fair
13,118-26	13,118-26	yes	yes	1000-900	no	11.4/11.3	no	fl	8	fair
13,144-48	13,144-48	yes	yes	400-500	no	11.4/11.3	no	fl	4	poor
13,156-94	13,156-94	yes	some	500-600	no	11.4/11.2	no	ft,fl	38	poor
13,215-24	13,215-24	yes	yes	500-600	no	11.4/11.3	no	fl	9	poor
12,234-48	12,234-48	yes	yes	800-6400	yes	11.4/10.6	yes	ft,fl	#21	14 v.good DLL pulled tight
13,274-82	13,274-82	yes	yes	6000-6000	yes	11.4/10.7	no	fl	8	good
13,312-24	13,312-24	yes	yes	6000-7000	yes	11.4/10.2	no	fl	12	good
13,370	13,370	Wasatch - Base of 1st Red Wedge								
STAGE II SUBTOTAL									761	

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

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

E-Log Depth GR on DLL	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	
10,084	10,084	Green River - Douglas Creek "H"										
10,104-34	10,104-34	yes	yes	280-400	some	water	no		30	poor		
10,224	10,224	Green River - "HI"										
10,228-62	10,228-62	yes	yes	300-400	some	Drlg.	no	fl	34	poor		
10,274-82	10,274-82	yes	yes	380-380	trace	w/water	yes		8	poor		
10,306-18	10,306-18	yes	yes	400-400	no		no		12	poor		
10,370-416	10,370-416	yes	yes	400-1240	yes		yes	fl	#4	good	black tar	
10,426-68	10,426-68	yes	yes	600-2640	yes		yes		#5	good	black tar	
10,502-14	10,502-14	yes	yes	600-700	no		no		12	poor		
10,530-53	10,530-53	no	yes	1000-1700	yes		no	ft	23	fair	trip for bit	
10,590-612	10,590-612	some	yes	900-4400	yes		yes		#6	good	black tar	
10,686-704	10,686-704	yes	yes	2200-2800	yes		no		18	fair	dk. brown oil	
10,736-40	10,736-40	yes	yes	2500-2800	no		no		4	poor		
10,782-847	10,782-847	some	yes	2500-4960	yes		yes	fl	#7	good	dk. brown oil	
10,882-900	10,882-900	yes	yes	2000-6560	yes		some	fl	#8	good	trip for hole in DP	
10,916	10,916	Green River - CP 70										
10,916-36	10,916-36	yes	yes	3000-3400	no	8.5/8.6	no	fl	20	fair	trip for hole in DP	
10,940-50	10,940-50	yes	yes	2000-2000	yes	8.5/8.6	no		10	poor	trip for hole in DP	
10,972-015	10,972-015	yes	yes	3000-3700	no	8.5/8.6	no	fl	43	poor		
11,034-45	11,034-45	yes	yes	3000-3000	no	8.6/8.5	no		11	poor		
11,050-70	11,050-70	some	yes	3000-3400	no	8.6/8.5	no	fl	20	poor		
11,074-140	11,074-140	some	some	3000-10,720	yes	8.6/9.6	yes	fl	#9-#10	66 v. good	well flowing - SI	
11,164-78	11,164-78	some	yes	2000-2000	yes	10.0/9.4	no		12	poor		
11,187-223	11,187-223	some	yes	1800-2200	yes	10.0/10.0	no	fl	36	fair	green-brown oil	
11,232-37	11,232-37	yes	yes	1500-1500	yes	10.1/9.9	no		5	poor		
11,252-304	11,252-304	yes	yes	1500-1500	no	10.0/9.9	yes	fs,fl	52	fair		

STAGE III SUBTOTAL 609

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE IV - Green River, normal pressured (below Trona I)

B-Log Depth	Mudlog	GR	RT	Total Gas	Oil	Mud Wt.	Sample Fract	Show	Net	Remarks
GR on DLL	Depth	<60	>30	units	in	in/out	Show	Report	Ft. Quality	
		API	ohms		Mud				Pay	

8010	8010	Green River - Trona I								
8110-24	8110-24	yes	yes	100-180	no	Drlg.	no		14	poor
8130-60	8130-60	yes	yes	100-180	no	w/water	no	fl	30	poor
8182-202	8182-202	yes	yes	100-175	no		no		20	poor
8206-28	8206-28	some	yes	100-150	no		no		22	poor
8252-66	8252-66	yes	yes	100-100	no		no		14	poor
8312-46	8312-46	yes	yes	100-150	yes		yes		34	fair
8372-84	8372-84	yes	yes	85-100	yes		yes		12	fair
8418-46	8418-46	yes	yes	95-260	yes		yes	fl	28	fair
8504-24	8504-24	yes	yes	95-70	trace		some	fl	20	poor
8530-58	8530-58	yes	yes	80-150	no		no		28	poor
8570-82	8570-82	yes	yes	90-80	no		no		12	poor
8602-16	8602-16	yes	yes	70-90	no		no		14	poor
8628-48	8628-48	yes	yes	60-80	no		no		20	poor
8656-80	8656-80	yes	yes	NR	no		no		24	poor
8688	8688	Green River - Parachute Creek								
8698-722	8698-722	some	yes	50-90	yes	Drlg.	yes		24	poor
8744-60	8744-60	some	yes	60-85	yes	w/water	yes		16	poor
8818	8818	Green River - Mahogany Bench								
8818-42	8818-42	some	yes	82-250	yes	Drlg.	yes		24	fair
8848-8900	8848-8900	some	yes	80-200	yes	w/water	yes		52	fair
8916-21	8916-21	yes	yes	100-150	yes		yes	fl	5	poor
8928-38	8928-38	yes	yes	200-200	yes		yes		10	poor
8944-64	8944-64	yes	yes	120-180	yes		yes		20	poor
9078-92	9078-92	yes	yes	70-100	yes		yes		14	fair
9100-52	9100-52	some	yes	85-280	yes		yes	fl	52	fair
9166-74	9166-74	yes	yes	100-85	yes		yes		8	poor
9242-58	9242-58	yes	yes	70-100	yes		yes		16	poor
9340	9340	Green River - "DJ"								
9340-68	9340-68	yes	yes	80-100	yes	Drlg.	no		28	poor
9376-84	9376-84	yes	yes	120-200	yes	w/water	yes		8	fair
9396-408	9396-408	yes	yes	120-80	yes		yes		12	poor
9413-60	9413-60	yes	yes	80-380	yes		yes		47	fair
9471-94	9471-94	yes	yes	280-300	yes		yes		23	poor
9518-26	9518-26	yes	yes	250-280	yes		no		8	poor
9566-72	9566-72	yes	yes	250-450	yes		no	fl	6	fair
9576-82	9576-82	yes	yes	300-400	yes		no	fl	6	fair
9612-22	9612-22	yes	yes	280-250	yes		no		10	poor
9632-58	9632-58	yes	yes	NR	yes		no	fl	26	poor
9670-90	9670-90	yes	yes	200-300	yes		no		20	poor
9698-710	9698-710	yes	yes	300-500	yes		no	fl	12	fair
9714-30	9714-30	yes	yes	300-400	trace		no		16	poor
9736-54	9736-54	yes	yes	250-250	trace		no		18	poor
9760-80	9760-80	yes	yes	250-320	trace		no		20	poor
9786-92	9786-92	yes	yes	250-250	trace		no		6	poor
9810-18	9810-18	yes	yes	250-450	yes		yes		8	fair

trip for bit

bypass shaker

trip for hole in DP

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE IV - Green River, normal pressured (below Trona I)

E-Log Depth GE on DLL	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
9824-41	9824-41	yes	yes	300-450	yes		yes		17	fair	
9855-72	9855-72	yes	yes	250-300	yes		yes		17	fair	
9876-88	9876-88	yes	yes	300-400	yes		yes	fl	12	fair	
9893-904	9893-904	yes	yes	300-320	yes		yes		11	poor	
9910-22	9910-22	yes	yes	320-250	trace		no		12	poor	trip for hole in DP
9934-40	9934-40	yes	yes	NR	yes		?	fl	6	poor	trip for hole in DP
9971-77	9971-77	yes	yes	300-400	yes		yes		6	fair	
STAGE IV SUBTOTAL									888		

SUMMARY OF POTENTIAL PRODUCTIVE INTERVALS RECOMMENDED FOR PERFORATION

SWYKES 2-21A2

STAGE V - Green River Transition, littoral, normal pressured

B-Log Depth GR on DLL	Mudlog Depth	GR <60 API	RT >30 ohms	Oil Total Gas units	in Mud	Mud Wt. in/out	Sample Fract Show	Show Report	Net Ft. Pay	Quality	Remarks
6598	6598	Top of Green River, normal pressured									
6612-34	6612-34	yes	yes	1-3	no	Drlg.	no		24	poor	
6690-702	6690-702	yes	yes	3-28	no	w/water	no		12	fair	
6730-52	6730-52	yes	yes	4-50	no		no		22	fair	
6816-40	6816-40	yes	yes	7-10	no		no		24	poor	
6848-80	6848-80	yes	yes	10-42	no	Drlg.	no		32	fair	
6886-902	6886-902	yes	yes	10-11	no	w/water	no		16	poor	
6910-46	6910-46	yes	yes	18-108	no		yes	fl #1	36	good	
6966-90	6966-90	some	yes	25-72	no		no	fl	24	fair	
7016-56	7016-56	some	yes	35-50	no		no		40	poor	
7070-84	7070-84	yes	yes	52-52	no		no	fl	14	poor	
7144-80	7134-70	yes	yes	42-60	no		yes	fl	36	poor	
7212-46	7202-36	yes	yes	48-145	no		yes	fl #2	34	good	
7294-304	7284-94	yes	yes	50-75	no		no		10	poor	
7356-68	7346-58	yes	yes	90-55	no		no		12	poor	
7390-402	7380-92	yes	yes	50-50	no		no		12	poor	
7438-48	7428-38	yes	yes	20-42	no		no		10	poor	
7486	7486	Green River - Z									
7486-98	7486-98	no	yes	40-60	no	Drlg.	no		12	poor	
7506-56	7506-56	some	some	60-270	yes	w/water	yes	#3	50	good	
7560	7560	Green River - Evacuation Creek									
7570-84	7570-84	some	yes	200-200	yes	Drlg.	yes		14	poor	
7618-36	7618-36	yes	yes	200-200	no	w/water	no		18	poor	
7654-64	7654-64	yes	yes	150-150	no		no		10	poor	sl. invasion
7679-94	7679-94	yes	yes	180-180	no		no		15	poor	high invasion
7702-32	7702-32	some	yes	200-220	no		no		30	poor	high invasion
7782-802	7782-802	some	yes	150-180	no		no		20	poor	high invasion
7812-18	7812-18	yes	yes	100-150	no		no	fl	6	poor	high invasion
7856-60	7856-60	yes	yes	120-175	no		no	fl	4	poor	
7871-80	7871-80	yes	yes	100-100	no		no		9	poor	high invasion
7890-96	7890-96	no	yes	120-120	yes		yes		6	poor	
7902-10	7902-10	some	yes	120-120	yes		yes		8	poor	
7922-36	7922-36	some	yes	98-220	yes		yes		14	fair	
7960-70	7960-70	some	yes	88-200	yes		no		10	fair	

STAGE V SUBTOTAL

584

DRILLING AND LOGGING SUMMARY - SWYKES 2-21A2

The Swykes 2-21A2 was spud on July 24, 1989 and Grace Rig No. 186 started drilling a 13-3/4" hole. No water flows were encountered in the upper portion of the hole, but approximately 4200 barrels of drilling fluid were lost. 10-3/4" surface casing was set and cemented at 5,220 feet and the drilling of a 8-3/4" hole with water resumed. It was not necessary to mud up until a depth of 10,900 feet was reached. A bad string of drill pipe led to many trips for pressure loss due to holes in the pipe. At a depth of 12,431 feet, bit #14 was tripped out of the hole with 3 cones missing. Bit #15, a rerun of bit #12 was used to drill on the junk. The junk was retrieved using a magnet. A depth of 12,500 feet was attained at 2:45 A.M. MST on 9/1/89, at which point the rig contractor switched from a footage contract to a daily rate basis. Abnormal pressure was encountered at a depth of 13,560 feet with show #22 (13,570'-13,585') in the Swykes 2-21A2. A mud weight of 12.0 lbs./gal. and higher was required below this depth to control the flow of oil from the formation into the borehole. These higher mud weights created several severe lost circulation zones while drilling the lower Wasatch. The Swykes 2-21A2 was drilled to a total depth of 14,580 feet with a maximum mud weight of 13.3 lbs./gal. The total mud lost during the drilling of the Swykes 2-21A2 was estimated at 3345 barrels (not including the 4200 bbls. lost while drilling the surface hole), with additional losses incurred while logging and setting casing bringing the total mud lost to approximately 6772 barrels. After logging the well at T.D., 7" production casing was set at 14,580 feet.

Halliburton Logging Services, Inc. logged the open hole after the total depth of 14,580 feet was reached. The Dual Laterolog Microguard was run first from T.D. (14,576') to surface casing (5220'), with the Gamma Ray logged back to surface. The Spectral Density Dual Spaced Neutron II was logged next from T.D. (14,576') to 6,500 feet. The Borehole Televiewer (CAST) was unsuccessfully attempted next, evidently the tool was unable to handle the high mud weight (13.3 lbs./gal.). After these three logs were completed the hole was circulated and conditioned prior to running the sonic log. Circulation was lost while attempting to trip back in the hole and a bridge was hit at a depth of 7,800 feet. After reaming, conditioning, and circulating the hole the Sonic Log was run in combination with the Four Arm Caliper Log and the High Resolution Temperature Log. The temperature log was run while going in the hole but a bridge was encountered at a depth of 7,660 feet. The logging tools were pulled out of the hole in order to ream, recondition and circulate the hole. The triple combination of logging tools was then rerun. The High Resolution Temperature Log was logged going in the hole from surface casing (5220') to T.D. (14,576'). The Sonic tool was run as a Full Wave Sonic Log from T.D. (14,576') to surface casing (5,220'). The sonic data was to be

reprocessed by the computing center for Delta T to get a final Sonic Log. The Four Arm Caliper Log was run from 13,370 feet to surface casing (5,220'). Rough hole was encountered from T.D. (14,576') to 13,370 feet making it difficult to log with the calipers open. The tight hole was probably due to fracturing. The logging operation took 8 days, about twice as long as it normally would take, due to the problems with lost circulation, paraffin plugging, and bridging of the hole. 7" production liner was set at the total depth of 14,580' after fighting continued problems with lost circulation and paraffin plugging.

DAILY LOG OF OPERATIONS FOR SWYKES 2-21A2
(6:00 AM depths)

DATE	DAY	DEPTH	FOOTAGE	OPERATIONS

24-Jul-89				Spud 10:00 PM MST 7-24-89.
25-Jul-89	1	441	291	RU rotary tools; drlg. 13 3/4" hole w/bit #1.
26-Jul-89	2	1516	1075	Drlg. #1; trip for bit #2; drlg. #2; lost 2500 bbls. of water @ 800'.
27-Jul-89	3	2216	700	Drlg. #2; trip for bit #3; drlg. #3; trip for bit #4; lost 1150 bbls. of water.
28-Jul-89	4	3102	886	Drlg. #4; lost 350 bbls. of water.
29-Jul-89	5	3708	606	Drlg. #4.
30-Jul-89	6	4192	484	Drlg. #4.
31-Jul-89	7	4641	449	Drlg. #4; lost 200 bbls. of water.
01-Aug-89	8	4823	182	Drlg. #4; TOOH; drlg. RR#4; trip for bit #5; wash 114' to bottom; drlg. #5.
02-Aug-89	9	5000	177	Drlg. #5; repair pumps.
03-Aug-89	10	5220	220	Drlg. #5; short trip.
04-Aug-89	11	5220	0	Circ. & cond.; run 10 3/4" csg.; cement csg.
05-Aug-89	12	5220	0	10 3/4" csg. set & cemented @ 5220'; WOC; install & test BOP; test csg.
06-Aug-89	13	5649	429	Finish testing BOP; drlg. 8 3/4" hole w/ bit #6; drill out cement & test formation.
07-Aug-89	14	6250	601	Drlg. #6; run leak off test @ 5735' & 6250'.
08-Aug-89	15	6662	412	Drlg. #6; trip for bit #7; run leak off test @ 6662'; ream 6593'-6662'.
09-Aug-89	16	7168	506	Drlg. #7; run leak off test @ 7168'.
10-Aug-89	17	7602	434	Trip for bit #8; drlg. #8.
11-Aug-89	18	8148	546	Drlg. #8.
12-Aug-89	19	8595	447	Drlg. #8.
13-Aug-89	20	8915	320	Drlg. #8; trip for bit #9; ream 83' to bottom; drlg. #9.
14-Aug-89	21	9294	379	Drlg. #9; trip for hole in pipe.
15-Aug-89	22	9646	352	Drlg. #9; trip for hole in pipe.
16-Aug-89	23	9940	294	TIH w/ bit #9; wash 40' to bottom; drlg. #9; trip for hole in pipe.
17-Aug-89	24	10177	237	TIH w/ bit #9; drlg. #9; trip for hole in pipe; TIH w/ bit #10; drlg. #10.

DAILY LOG OF OPERATIONS FOR SWYKES 2-21A2
(6:00 AM depths)

DATE	DAY	DEPTH	FOOTAGE	OPERATIONS

18-Aug-89	25	10560	383	Drlg. #10; trip for bit #11; wash to 60' to bottom.
19-Aug-89	26	10887	327	Drlg. #11; trip for hole in pipe; wash 38' to bottom; drlg. #11.
20-Aug-89	27	10943	56	Drlg. #11; trip for hole in pipe; drlg. #11; trip for hole in pipe.
21-Aug-89	28	11140	197	TIH; drlg. #11; circ. on choke @ 11,119' & raise wt. from 8.6 to 9.6#/gal.; drlg. #11.
22-Aug-89	29	11247	107	Drlg. #11; circ. & cond. mud to 10.1#/gal.; trip for bit #12; wash 38' to bottom; drlg. #12.
23-Aug-89	30	11444	197	Drlg. #12.
24-Aug-89	31	11536	92	Drlg. #12; trip for bit #13; cut drill line; lost 37 bbls. of mud.
25-Aug-89	32	11734	198	TIH; wash 41' to bottom; drlg. #13.
26-Aug-89	33	11912	178	Drlg. #13.
27-Aug-89	34	12082	170	Drlg. #13.
28-Aug-89	35	12180	98	Drlg. #13; trip for bit #14.
29-Aug-89	36	12324	144	TIH w/ bit #14; drlg. #14.
30-Aug-89	37	12431	107	Drlg. #14; trip for bit #15.
31-Aug-89	38	12431	0	3 cones missing; TIH w/bit #15 & junk basket; drlg. on junk; trip for bit #16 - magnet; fish w/ magnet.
01-Sep-89	39	12507	76	TOOH w/magnet recovering 3 cones; TIH w/bit #17; work junk basket; drlg. #17; trip for bit #18; Grace went on dayrate @ 2:45 AM 9-1-89; lost 46 bbls. of mud.
02-Sep-89	40	12556	49	TOOH for bit #18; magnaflux BHA; TIH w/bit #18; cut drill line; wash 34' to bottom; drlg. #18.
03-Sep-89	41	12668	112	Drlg. #18; trip for bit #19.
04-Sep-89	42	12773	105	TIH w/bit #19; wash 10' to bottom; drlg. #19.
05-Sep-89	43	12830	57	Drlg. #19; trip for bit #20; wash 75' to bottom; drlg. #20; lost 120 bbls. of mud on trip.
06-Sep-89	44	12968	138	Drlg. #20.
07-Sep-89	45	13038	70	Drlg. #20; trip for bit #21; cut drill line; TIH w/bit #21; lost 50 bbls. of mud @ 13,030'.
08-Sep-89	46	13152	114	TIH w/bit #21; wash to bottom, 15' fill; drlg. #21.
09-Sep-89	47	13328	176	Drlg. #21.
10-Sep-89	48	13373	45	Drlg. #21; work tight hole; trip

DAILY LOG OF OPERATIONS FOR SWYKES 2-21A2
(6:00 AM depths)

DATE	DAY	DEPTH	FOOTAGE	OPERATIONS

11-Sep-89	49	13573	200	for bit #22; lost 160 bbls. on trip & 342 bbls. while reaming. Drlg. #22; lost 52 bbls. of mud @ 13,560'.
12-Sep-89	50	13755	182	Drlg. #22; lost 40 bbls. of mud.
13-Sep-89	51	13926	171	Drlg. #22; shut in & check for flow @ 13,776'; raise wt. from 12.0 to 12.5#/gal.; lost circ. @ 13,821'; lost 775 bbls. of mud.
14-Sep-89	52	14008	82	Drlg. #22; trip for bit #23; lost 441 bbls. of mud.
15-Sep-89	53	14165	157	Wash & ream 30' to bottom; drlg. #23; lost 53 bbls. on trip; lost 15 bbls. @ 14,114'.
16-Sep-89	54	14356	191	Drlg. #23.
17-Sep-89	55	14451	95	Drlg. #23; lost circ. @ 14,421'; short trip @ 14,430' to change out DP; Drlg. #23; lost 573 bbls. of mud.
18-Sep-89	56	14456	5	Drlg. #23; check for pressure loss; trip for hole in pipe; magnaflux BHA; lay down 4 cracked DC's; 1 jet missing from bit #23; TIH w/ bit #24; break circ. @ 3000', 6000', 9000', & 12,000'; lost 100 bbls. of mud.
19-Sep-89	57	14546	90	TIH; wash 50' to bottom; drlg. #24; raise wt. to 13.3#/gal.; lost 568 bbls. of mud.
20-Sep-89	58	14580	34	Drlg. #24; reached T.D. @ 12:30 PM; circ. bottoms up; short trip; circ. & cond. for logs; TOOH; lost 58 bbls. of mud.
21-Sep-89	59	14580	0	TOOH to log; RU Halliburton; run DLL, FDC/CNL, & CAST (Borehole Televiewer); lost 25 bbls. of mud.
22-Sep-89	60	14580	0	TIH; break circ. @ 2000', 4000', & 6000'; TIH to 8000' & lost returns; POOH 20 stds.; partial returns @ 6200'; POOH to 4000'; cond. mud & circ. out oil; TIH & break circ. @ 4900' & 6600'; hit bridge @ 7800'; attempt to work thru bridge @ 7800'; lost 700 bbls. of mud in past 24 hrs.
23-Sep-89	61	14580	0	Ream 7763'- 8003'; TIH to 9400'; couldn't circ.; POOH to 7754'; tight hole 8900'-9400'; ream hole 7754'- 8900'; lost 178 bbls. mud.
24-Sep-89	62	14580	0	Ream 8900'- 9440'; stage in hole

BIT RECORD FOR SWYKES 2-21A2

BIT NO.	SIZE	MAKE	TYPE	NOZZLES	SERIAL NO.	DEPTH OUT	FEET	HRS.	FT/HR	ACC. HRS.	WOB 1000#	RPM	PUMP PRESS	SPM 1 - 2	MUD WT.	VIS.		
1	13 3/4"	SEC	S3J	16-16-16	RR	1,003	853	18.5	46.1	18.5	10/50	60/88	1200	110-103	water			
2	13 3/4"	STC	DSJ	16-16-16	RR	1,528	525	10	52.5	28.5	35/50	85	1200	110-103	water			
3	13 3/4"	STC	DSJ	16-16-16	RR	2,083	555	11.5	48.3	40	50	85	1200	110-103	water			
4	13 3/4"	HTC	J22	16-16-16	RR	4,741	2658	102	26.1	142	50/60	72	1300	110-103	water			
5	13 3/4"	HTC	J22	16-16-18	RR	5,220	479	43	11.1	185	50	72	1500	108-102	water			
6	8 3/4"	REED	H551J	12-12-B	RR	6,662	1442	47	30.7	232	55	72	1600	108-	8.4			
7	8 3/4"	HTC	ATJ33	11-12-B	P08HG	7,168	506	21	24.1	253	55	60	1650	108-	8.4	26		
8	8 3/4"	HTC	ATJ44	12-12-B	B50HW	8,611	1443	68.5	21.1	321.5	50/55	53/60	1700	109-	8.4	27		
9	8 3/4"	HTC	ATJ55R	12-12-B	A67HW	10,034	1423	69.5	20.5	391	60	60	1750	109-	8.4			
10	8 3/4"	SEC	M89TF	12-12-B	RR	10,560	526	20	26.3	411	58	52	1800	119-	8.4			
11	8 3/4"	SEC	M89TF	12-12-B	403006	11,152	592	40.5	14.6	451.5	60	52	2000	109-	10.0	38		
12	8 3/4"	HTC	ATJ55R	13-13-B	D94HK	11,536	384	48.5	7.9	500	60	52	2100	109-	11.0	42		
13	8 3/4"	HTC	ATJ44	14-14-B	BK209	12,180	644	84	7.7	584	60	52	1900	109-	11.0	42		
14	8 3/4"	HTC	ATJ44	14-14-B	B64HW	12,436	256	44.5	5.8	628.5	60	60	1850	107-	11.0	43		
15	8 3/4"	HTC	ATJ55R	14-14-B	RR#12	12,436	0	Clean out for cones - pinched bit										
16	8"	HOMCO	Magnet	Fishing w/ magnet														
17	8 3/4"	HTC	ATJ44	14-14-B	BK129	12,507	71	11.5	6.2	640	60	52	1900	109-	11.2	42		
18	8 3/4"	HTC	ATJ55R	13-13-B	B12HB	12,670	163	26	6.3	666	48	52	2350	108-	11.3	44		
19	8 3/4"	HTC	ATJ44	13-13-B	BK212	12,798	128	25.5	5.0	691.5	48/55	52/60	2350	108-	11.3	44		
20	8 3/4"	HTC	ATJ55R	14-14-B	BF870	13,038	240	43	5.6	734.5	55	52	2000	108-	11.3	44		
21	8 3/4"	HTC	ATJ33	13-14-B	F69HB	13,370	332	46.5	7.1	781	45	52	2100	109-	11.8	46		
22	8 3/4"	HTC	ATJ22	13-13-B	B16HP	14,008	638	77.5	8.2	858.5	50	52	1900	109-	13.0	48		
23	8 3/4"	HTC	ATJ22	14-14-B	B08HS	14,457	449	64	7.0	922.5	50	52	2100	108-	13.0	40		
24	8 3/4"	HTC	ATJ22	14-14-B	RR	14,580	123	19.5	6.3	942	50	52	2100	108-	13.0	40		

DAILY LOG OF OPERATIONS FOR SWYKES 2-21A2
(6:00 AM depths)

DATE	DAY	DEPTH	FOOTAGE	OPERATIONS

25-Sep-89	63	14580	0	to T.D.; circ. & cond. hole; lost 325 bbls. of mud.
26-Sep-89	64	14580	0	Circ. & cond. for logs; TOOH; run temp. survey while GIH w/sonic & caliper tools; could not get log tools below 7660'; POOH; TIH; break circ. @ 2000' & 4000'; lost 449 bbls. of mud.
27-Sep-89	65	14580	0	TIH; break circ. @ 6000' & 7000'; ream 7560'- 8003'; short trip to 7500' twice; work tight spots repeatedly; TIH to 9064' & break circ.; short trip to 8003'; TIH; lost 140 bbls. of mud.
28-Sep-89	66	14580	0	TIH; break circ. @ 10,500', 11,901', & 13,311'; TIH; wash & ream 110' to bottom; circ. & cond. for logs; TOOH; GIH & run temp. survey from 7600' to T.D.; run sonic fullwave & 4-arm caliper; lost 28 bbls. of mud.
29-Sep-89	67	14580	0	Finish logging sonic & caliper; RD Halliburton; TIH; break circ. @ 2000', 4174', 6140', 8047'; lost partial returns; TIH & break circ. @ 10,140'; TIH to 12,074' & break circ.; lost partial returns; ream tight hole from 12,074' to 12,154'; lost 397 bbls. of mud in last 24 hrs.
30-Sep-89	68	14580	0	Ream 12,154'-12,217'; TIH to 14,459'; wash & ream to bottom; circ. & cond. for csg.; laydown DP & DC; RU casing crews; lost 102 bbls. of mud in 24 hrs. w/ cumulative mud loss of 5700 bbls.
01-Oct-89	69	14580	0	RU casing crews; run 7" casing; circ. @ 2300', 3563', & 5000'.
02-Oct-89	70	14580	0	Run 7" csg.; lost circ. @ 7262'; POOH & LD 13 jts.; try to circ. @ 6700'; heated mud to 180 deg. and pumped down hole; regained circ. @ 6700'; lost 1072 bbls. of mud in last 24 hrs.; lost 6772 bbls. of mud to date.
			0	Circ. & run 7" csg. to 10,914'.

Geologist released 9-27-89.
Mudloggers released 9-20-89.

MUD RECORD FOR SWYKES 2-21A2

DATE	MUD		WATER				OIL/		pH	Cl	Ca	DAILY COST	CUMULATIVE COST	
	DEPTH	WEIGHT	VIS.	LOSS	PV	YP	GELS	SOLIDS						WATER
24-Jul-89	0	8.3	26		water				7.0	200	80	\$0	\$0	
25-Jul-89	770	8.3	26		water				7.5	200	80	\$835	\$835	
26-Jul-89	1,528	8.3	26		water				10.0	300	120	\$1,242	\$2,077	
27-Jul-89	2,460	8.3	26		water				10.0	300	60	\$1,818	\$3,895	
28-Jul-89	3,350	8.3	26		water				10.5	700	200	\$1,799	\$5,694	
29-Jul-89	3,745	8.3	26		water				10.5	800	120	\$4,398	\$10,092	
30-Jul-89	4,300	8.3	26		water				10.5	1,000	80	\$399	\$10,491	
31-Jul-89	4,695	8.3	26		water				9.0	1,300	tr	\$397	\$10,888	
01-Aug-89	4,807	8.4	27		water				9.5	2,200	tr	\$455	\$11,343	
02-Aug-89	4,995	8.3	27		water				10.0	2,400	tr	\$530	\$11,873	
03-Aug-89	5,218	8.4	27		water				9.5	2,700	tr	\$430	\$12,303	
04-Aug-89	5,220	NC	cement surface csg., lost 1000 bbls., mix LCM									\$1,447	\$13,750	
05-Aug-89	5,220	NC	pressure testing									\$0	\$13,750	
06-Aug-89	5,640	8.4	26		water				11.0	5,400	60	\$630	\$14,380	
07-Aug-89	6,251	8.4	27		water				10.5	4,600	50	\$660	\$15,040	
08-Aug-89	6,662	8.4	27		water				10.0	5,800	40	\$385	\$15,425	
09-Aug-89	7,165	8.4	27		water				10.5	6,400	50	\$585	\$16,010	
10-Aug-89	7,545	8.4	27		water				11.0	6,200	420	\$659	\$16,669	
11-Aug-89	7,935	8.3	27		water				11.0	7,100	800	\$135	\$16,804	
12-Aug-89	8,367	8.3	27		water				11.0	7,200	800	\$402	\$17,206	
13-Aug-89	8,618	8.3	27		water				11.0	6,500	440	\$79	\$17,285	
14-Aug-89	9,138	8.3	27		water				11.0	6,700	780	\$152	\$17,437	
15-Aug-89	9,453	8.3	27		water				11.0	6,200	640	\$70	\$17,507	
16-Aug-89	9,780	8.4	27		water				11.0	6,700	520	\$400	\$17,907	
17-Aug-89	10,147	8.3	27		water				11.0	6,700	480	\$29	\$17,936	
18-Aug-89	10,560	8.3	27		water				11.0	7,000	400	\$52	\$17,988	
19-Aug-89	NC													
20-Aug-89	10,943	8.8	36	24.0	3	2	0/4	3.0	0/97.0	11.0	7,200	40	\$718	\$18,706
	11,074	8.7	33	35.0	3	1	0/3	3.0	tr/97.0	11.0	6,800	60	\$2,032	\$20,738
21-Aug-89	11,144	9.7	35	16.0	7	3	2/11	13.0	5/82.0	10.5	7,200	80	\$0	\$20,738
	11,152	10.1	37	17.0	7	3	1/11	14.0	4/82.0	10.5	7,300	140	\$14,603	\$35,341
22-Aug-89	11,310	9.9	68	16.0	12	17	15/48	13.0	4/87.0	10.5	7,400	180	\$7,070	\$42,411
23-Aug-89	11,526	10.8	38	16.0	9	5	3/18	19.0	3/78.0	10.5	6,800	200	\$16,642	\$59,053
24-Aug-89	11,572	10.8	40	16.0	10	6	4/24	18.0	2/80.0	10.0	6,900	160	\$4,121	\$63,174
25-Aug-89	11,775	10.9	42	20.0	13	6	6/30	20.0	8/72.0	10.0	6,900	200	\$3,250	\$66,424
26-Aug-89	11,935	10.9	42	16.0	10	9	8/34	20.0	8/72.0	10.0	6,200	200	\$4,509	\$70,933
27-Aug-89	12,130	10.9	40	12.0	13	9	8/40	20.0	8/72.0	10.0	6,300	120	\$1,758	\$72,691
28-Aug-89	12,220	10.9	40	12.0	15	7	6/34	14.0	7/79.0	10.0	6,500	140	\$3,389	\$76,080
29-Aug-89	12,348	11.0	40	11.6	12	9	5/33	14.0	6/80.0	10.0	6,500	140	\$959	\$77,039
30-Aug-89	12,432	11.1	41	11.2	10	9	4/25	14.0	5/81.0	9.3	6,900	140	\$663	\$77,702
31-Aug-89	12,452	11.1	39	12.0	10	8	5/20	14.0	5/81.0	9.5	6,900	140	\$320	\$78,022
01-Sep-89	12,510	11.2	39	14.4	11	8	4/16	14.0	5/81.0	9.5	6,700	140	\$495	\$78,517
02-Sep-89	12,640	11.2	41	12.8	10	10	8/32	16.0	5/79.5	10.0	6,500	160	\$7,081	\$85,598
03-Sep-89	12,735	11.2	48	11.0	13	8	7/20	17.0	4/79.0	10.0	6,300	100	\$1,458	\$87,056
04-Sep-89	12,798	11.3	41	11.2	10	8	6/16	17.0	4/79.0	10.0	6,300	80	\$7,666	\$94,722
05-Sep-89	12,930	11.4	44	11.6	15	7	9/34	18.0	4/78.0	10.0	6,400	80	\$4,864	\$99,586
06-Sep-89	13,038	11.4	42	10.8	13	9	5/20	16.0	4/80.0	9.5	6,500	120	\$1,337	\$100,923
07-Sep-89	13,093	11.4	45	11.4	12	7	5/19	15.0	4/81.0	9.5	6,200	100	\$8,322	\$109,245

MUD RECORD FOR SWYKES 2-21A2

DATE	DEPTH	MUD		WATER				SOLIDS	OIL/ WATER	pH	Cl	Ca	DAILY CUMULATIVE	
		WEIGHT	VIS.	LOSS	PV	YP	GELS						COST	COST
08-Sep-89	13,264	11.4	43	11.6	11	7	5/22	15.0	4/81.0	9.5	6,000	80	\$1,171	\$110,416
09-Sep-89	13,371	11.8	46	13.0	14	11	8/36	18.0	5/77.0	10.0	6,000	120	\$10,784	\$121,200
10-Sep-89	13,524	12.0	46	10.6	14	14	10/40	18.0	4/78.0	10.0	5,800	80	\$7,729	\$128,929
11-Sep-89	13,700	12.0	41	11.0	15	10	6/24	17.0	3/80.0	10.0	6,000	80	\$12,496	\$141,425
12-Sep-89	13,852	12.8	44	13.0	17	8	6/30	18.0	3/79.0	9.5	6,500	100	\$22,649	\$164,074
13-Sep-89	14,008	13.0	48	12.2	19	12	5/24	18.0	4/78.0	8.5	6,300	160	\$18,779	\$182,853
14-Sep-89	14,114	12.8	42	11.0	18	10	4/22	19.0	4/77.0	8.8	6,100	140	\$4,411	\$187,264
15-Sep-89	14,296	12.8	48	10.4	20	9	6/30	20.0	6/74.0	10.5	6,600	80	\$6,107	\$193,371
16-Sep-89	14,349	13.0	45	10.6	17	11	5/24	21.0	6/73.0	10.5	6,600	80	\$11,363	\$198,627
17-Sep-89	14,446	13.1	42	12.0	19	8	4/16	19.0	4/77.0	9.5	6,100	120	\$20,821	\$219,448
18-Sep-89	14,457	13.0	38	12.8	15	6	3/12	19.0	1/80.0	9.0	5,500	120	\$1,055	\$220,503
19-Sep-89	14,544	13.2	41	13.8	14	7	4/9	17.0	tr/83.0	10.5	5,700	80	\$4,352	\$224,855
20-Sep-89	14,580	13.3	47	10.2	21	11	5/21	20.0	2/78.0	9.5	7,400	100	\$11,618	\$236,473
21-Sep-89	14,580	13.3	41	12.8	12	8	3/14	19.0	tr/81.0	10.5	5,500	60	\$16,019	\$252,492
22-Sep-89	14,580	13.3	43	11.5	18	6	3/13	20.0	tr/80.0	10.5	5,000	60	\$12,073	\$264,565
23-Sep-89	14,580	13.3	44	10.0	18	10	9/21	21.0	tr/79.0	10.0	4,900	120	\$1,849	\$266,414
24-Sep-89	14,580	13.4	48	9.6	25	9	2/22	23.0	3/74.0	10.0	4,600	120	\$4,600	\$271,014
25-Sep-89	14,580	13.3	44	9.0	21	5	2/10	22.0	2/76.0	10.5	3,900	160	\$19,600	\$290,614
26-Sep-89	14,580	13.3	43	10.4	16	9	1/16	22.0	1/77.0	9.5	3,800	120	\$19,800	\$310,414
27-Sep-89	14,580	13.3	45	10.0	24	9	2/18	22.0	1/77.0	9.8	3,700	120	\$5,400	\$315,814
28-Sep-89	14,580	13.4	45	8.4	23	6	1/8	22.0	2/76.0	9.2	3,600	160	\$1,686	\$317,500
29-Sep-89	14,580	13.4	46	8.8	29	6	2/8	22.0	2/76.0	9.2	3,200	160	\$6,972	\$324,472

NOTIFICATION AND INFORMATION REQUIREMENTS

Pennzoil Company
 #2-21A2 Swykes
 21-T1S-R2W
 Duchesne Co., Utah

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

LARGE PACKAGES
Pennzoil Company
 700 Milam
 Houston, TX
 77002

Pennzoil Company
 P.O. Box 2967 - 10th Floor
 Houston, TX 77252-2967
 Attn: Gary L. Kornegay
 Office: (713) 546-8935

Pennzoil Company
 P.O. Box 290
 Neola, UT 84053
 Attn: Will Iana

Proven Properties, Inc.
 700 Milam, 8th Floor
 Houston, TX 77002
 Attn: Rick Carter

ANR Production Company
 600 17th Street, Suite 800S
 P.O. Box 749
 Denver, CO 80201
 8.57901%

Total Minatome
 2 Houston Center, Suite 200
 909 Fannin
 P.O. 4326
 Houston, TX 77210-4326
 4.18924%

Forcenary In.
 2730 SW 3rd Avenue, Suite 800
 Miami, FL 33129-2237
 0.71203%

GID Energy Development Co.
 2401 Fountainview Dr., Suite 700
 Houston, TX 77057
 .071203%

Convst Energy Corporation
 2401 Fountainview Dr., Suite 700
 Houston, TX 77057
 1.22063%

Lehndorff/LGB Minerals, Inc.
 2501 Cedar Springs Road, Suite 340
 Dallas, TX 75201
 .61031%

LB Petroleum Inc.
 370 17th Street, Suite 3200
 Denver, CO 80202
 .25175%

Cutting of samples	Daily Mud Log & Final Mud Log	Reports - DST, Geological Completion, Fluid Analysis, etc.	Notice prior to & results of DST's, Cases, Logging, Plugging, etc.	Log Telecopies as needed	Electric Logs - Tape LIS Format	Electric Logs - Film Prints	Electric Logs - Final Prints	Electric Logs - Field Prints	Daily Drilling Reports - Mail	Daily Drilling Reports - Phone	State Permits, Reports, Survey, etc.	AFE & Well Prognosis
1	1&2	2	1	1	1	1	2	2	1	1	2	1
0	0&1	1	1	0	0	0	0	1	0	0	1	2
0	1&1	2	1	1	0	0	2	1	1	0	1	1
0	1&1	1	1	1	0	0	2	1	1	1	1	1
0	0&1	1	1	1	1	0	1	1	1	1	1	1
0	0&1	1	1	1	1	0	1	1	1	1	1	1
0	0&1	1	1	1	1	0	1	1	1	1	1	1
0	0&1	1	1	1	1	0	1	1	1	1	1	1
1	4&11	12	10	9	1	1	1	11	5	3	11	11

Total

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: SWYKES 2-21A2
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 43013312350000
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 228-4248 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1104 FNL 0920 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 21 Township: 01.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/4/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Devon intends on acidizing existing Wasatch intervals. The existing Wasatch intervals will be temporarily isolated with a retrievable bridge plug. Lower Green River will be perforated from 10,230 to 10,902', acidized, tested and commingled with the lower intervals. Attachment: well history & procedure.

Approved by the Utah Division of Oil, Gas and Mining
Date: September 05, 2012
By: *Deanna Bell*

NAME (PLEASE PRINT) Deanna Bell	PHONE NUMBER 435 353-5780	TITLE Senior Field Technician
SIGNATURE N/A	DATE 8/31/2012	

Swykes 2-21 A2, RECOMPLETION

**DEVON ENERGY PRODUCTION COMPANY
WORKOVER PROCEDURE
SWYKES 2-21A2
NWNW SECTION 21, T1S, R2W
BLUEBELL/ALTAMONT FIELD
DUCHESNE COUNTY, UTAH**

OBJECTIVE:

Acidize existing intervals and add additional intervals in the Lower Green River and acidize. Comingle and put well back on pump.

JUSTIFICATION:

The Swykes 2-21A2 was originally completed in the Wasatch in 1989. The Lower Wasatch was fraced and acidized in early 1990, additional perforations were added to the Upper Wasatch and acidized in 1997. Currently the well makes 15 BOPD, 290 BWPD, and 14 MCFD.

The existing Wasatch intervals will be temporarily isolated with a retrievable bridge plug. The LGR will then be perforated from 10230 ft to 10930 ft in selected intervals, acidized, tested, and the commingled with the lower intervals.

WELL DATA:

API Number: 43-013-31235

Completion Date: January 1990

Total Depth: 14,580' PBTB: 14,530

Casing: 10 3/4" set at 5220'
7" S-95 as follows:
0-738' 26#
738-3198 23#
3198-3711 29#

Swykes 2-21 A2, RECOMPLETION

3711-6582 23#
6582-9964 26#
9964-TD 29#

Bond Log:	TOC	Not logged above 5200'
	5200-8100	Good bond
	8100-8700	No bond
	8700-9800	Poor to fair
	9800-10460	Fair
	10460-11300	Poor
	11300-11670	Poor to no bond
	11670-TD	Fair to good

DV tools at 8892 and 10506' bond log depth

WELL HISTORY:

- 12-19-89 Perf'd 13,120-14,494' (50 intervals, 311', 622 holes).
- 01-03-90 Acidized 13,120-14,494' with 20,000 g 7.5% HCL. Slight diversion reported.
- 01-04-90 Ran Atlas Prism log across perfs 13,120-14,494' to locate acid. Top 8 sets of perfs and the bottom 4 sets were effectively acidized 1-3-90. The numerous sets of perfs in between were generally not treated.
- 01-19-90 Fraced 13,120-14,494' with 39,000# proppant (screened out).
- 01-30-90 Ran HLS TracerScan log across perfs 13,120-14,494' to locate frac job. Most of the treatment went in the top few sets of perfs.
- 02-06-90 Set 7" CIBP at 13,100'.
- 02-08-90 Perf'd 12,539-13,063' (42 intervals, 196', 784 holes).
- 02-14-90 Acidized 12,539-13,063' with 60,000 g 7.5% HCL.
- 02-21-90 Ran HLS TracerScan log across perfs 12,539-13,063' to locate acid. Perfs between 12,800' and 12,950' were not effectively treated. All other perfs were effectively treated.
- 10-18-90 Removed CIBP at 13,100'.
- 10-18-90 Installed rod pumping equipment.

Swykes 2-21 A2, RECOMPLETION

- 06-08-94 Lowered SN 1650'.
- 10-10-97 Acidized 13,694-14,494' with 12,000 g 15% HCL (communicated).
Acidized 12,539-14,494' with 1200 g 15% HCL (all perms).
- 10-13-97 Perf'd 12,649-13,656' (9 intervals, 30', 60 holes)
- 10-15-97 Acidized 13,561-13,656' with 900 g 15% HCL. (communicated)
Acidized 13,032-13,522' with zero g 15% HCL (communicated before acid hit perms)
Acidized 12,539-13,522' with 9300 g 15% HCL.
Acidized 12,539-12,666' with 2500 g 15% HCL.
- 10-21-97 Set 7" one-way CIBP at 12,300'. Perf'd 10,972-11,897' (29 intervals, 127',254 holes). Set 7" Arrow Pak packer at 10,820',
- 10-29-97 Ran production log. Flowing 168 BOPD, 153 BWPD, FTP 40 psi
- | | |
|-------------|---------------------------------|
| 10971-11013 | 19% of the oil |
| 11111-11126 | 10% of the oil |
| 11372-11390 | Possible fluid entry |
| 11423-11439 | 49% of the oi |
| 11551-11564 | 3% of the oil, 11% of the water |
| 11639-11657 | 6% of the oil, 89% of the water |
| 11861-11866 | 13% of the oil |
- 02-13-98 Removed 7" Arrow Pak packer at 10,820'.
- 02-14-97 Set 7" XLW packer at 11,740' and 7" Arrow Set 1 packer at 11,480' (both connected by 3.5" tbg) as straddle packer assembly. This assembly was designed to shut off water from perms 11,510-11,710'.
- 02-19-98 Ran production log. Flowing 71 BOPD, 130 BWPD, FTP 100 psi
- | | |
|-------------|-----------------------------------------------|
| 10971-11013 | Possible water |
| 11066-11126 | 49% of the water |
| 11372-11390 | 15% of the water, possible communication |
| 11423-11439 | 65% oil, 36% water, communication from below. |
| 11861-11866 | 19 % of the oil |
| 11890-11897 | 9% of the oil |
| Below 12280 | 7% of the oil from below one-way plug |
- 03-04-98 Ran production log. Flowing 50 BOPD, 69 BWPD FTP 20 to 60 psi.

Swykes 2-21 A2, RECOMPLETION

- | | |
|-------------|-------------------------------------------------------------|
| 11066-11126 | Zone thieves then gives up fluid as the well heads. |
| 11372-11390 | 38% of the water, probably communicating to lower interval. |
| 11423-11439 | 76% of the oil, 62% water, communicating from 11650'. |
| 11861-11866 | 24 % of the oil |
- 03-17-98 Finished retrieving both straddle packers described 02-14-98.
- 03-20-98 Acidized 11,861-11,897 with 1200 g 15% HCL using pkr and RBP. Attempted to treat perms 11,372-11,440' but communicated with perms above while pumping water. Acidized 10,972-11,440' with 6400 g 15% HCL using pkr and RBP.
- 03-30-98 Put on production with a submersible pump.
- 10-02-98 Sub pump failed, left well shut in.
- 10-08-98 Well started flowing oil to tank battery.
- 04-28-99 Put on rod pump pumping from 4465' skimming oil. Pumped two days on, three days off.
- 06-08-99 Started pumping four hours per day on a time clock.
- 08-06-99 Started pumping on an intermittent basis, two to three days on, four to five days off.
- 06-20-01 Unable to release tubing anchor. Cut off 2 7/8" tubing above anchor at 4614'. RIH with slickline , tag fish at 5120'. Fish consists of 22' cutoff jt, MSOT 7" tubing anchor with bullplug on bottom. In 1999 when the anchor was run it would go down, but not come up hole.
- 08-16-02 Lowered seating nipple 1300' to 6553'.
- 08-12-04 Fished tubing anchor and tbg left in hole 06-20-01.
- 8-18-04 Cement squeeze perforations 11640-11656 under a retainer set at 11,610', circulate to upper perforations.
- 08-18-04 TIH with bit, tag at 11,411', drill out cement to retainer, and cement below retainer to 11648' SLM.

Swykes 2-21 A2, RECOMPLETION

08-24-04 Mill on one-way at 12,300'
08-25-04 Stuck while milling on oneway
08-26-04 Cut tubing at 12,279', TOH, start TIH with fishing tools.
08-27-04 TOH with fish.
08-28-04 TIH with mill, mill up remainder of one-way, TIH to 12,870'.
09-01-04 Put on pump from gross perms 10,972-14,494'.
2-23-06 Repaired rod cut tubing leak.
1-29-08 Repaired rod cut tubing leak.

PROCEDURE:

1. RDMO pumping unit.
2. MIRU workover rig with pump and tank. Test the dead men prior to moving in and rigging up.
3. POOH with rods & pump, 1.9" tubing side string, 2-7/8" production tubing.
4. TIH with 7" treating packer and set at approximately 10,962'.
5. Acidize old perforations (10-972'-11,897') with 10,000 gals of 15% HCl with standard additives and 700 bio-ball sealers for diversion. Establish injection rate, do not exceed 8,456 psi. Check for ball action and perms breaking down.
6. RU Electric Line and TIH with a 7" RBP and set at 10,940', dump sand on top. Load casing and pressure test casing to 1,000 psi.
7. Rig up full lubricator and grease for pressure control. Perforate LGR 10,230'-10,930' overall as per perforation detail. RDMO wireline.
8. TIH with 2-7/8" tubing and a 7" treating packer and set at ~10,226'.
9. Swab test the interval prior to acidizing to determine the rate, oil cut and fluid level. Catch an oil sample for compatibility testing with the acid.

Swykes 2-21 A2, RECOMPLETION

10. Acidize the interval with 8,000 gals of 15% HCl with standard additives and 230 bio-ball sealers for diversion. Establish injection rate, do not exceed 8,456 psi. Check for ball action and perfs breaking down.
11. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
12. POOH w/ packer. RIH and retrieve bridge plug at 10,940'. POOH.
13. Run production equipment and put well on pump.

STAGE 1 PROPOSED

Perfs picked from Annotated Mud Log (8/6/89) and Spectral Denisty Dual Spaced Neutron II Log (9/20/89)

No.	Perforated Interval	Feet	SPF	Holes	CBL Depth	Comments
1	10230	10232	2	2	4	* Poor bond over all intervals
2	10236	10246	10	2	20	
3	10253	10255	2	2	4	
4	10258	10260	2	2	4	
5	10276	10280	4	2	8	
6	10306	10312	6	2	12	
7	10370	10374	4	2	8	
8	10429	10435	6	2	12	
9	10448	10450	2	2	4	
10	10456	10460	4	2	8	
11	10506	10512	6	2	12	
12	10608	10610	2	2	4	
13	10688	10690	2	2	4	
14	10692	10694	2	2	4	
15	10701	10703	2	2	4	
16	10737	10740	3	2	6	
17	10808	10810	2	2	4	
18	10842	10844	2	2	4	
19	10878	10880	2	2	4	
20	10900	10902	2	2	4	

Number of Intervals	20
Net Feet of Perforations	67
Number of Holes	134

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

8/29/2014

FROM: (Old Operator): DEVON ENERGY PRODUCTION COMPANY L.P. N1275 333 WEST SHERIDAN AVENUE OKLAHOMA CITY OK 73102-5015	TO: (New Operator): LINN OPERATING INC N4115 1999 BROADWAY STE 3700 DENVER CO 80202 303-999-4275
---------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/8/2014
- a. Is the new operator registered in the State of Utah: Business Number: 9031632-0143
- a. (R649-9-2)Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 10/8/2014
- 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: BLM NOT YET BIA NOT YET
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 9/24/2014

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/8/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/8/2014
- Bond information entered in RBDMS on: 10/8/2014
- Fee/State wells attached to bond in RBDMS on: 10/8/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** 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: 10/8/2014

COMMENTS:

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: <u>LINN OPERATING, INC</u> <u>N4115</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1999 Broadway, Suite 3700</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER:
COUNTY: <u>Duchsene/Uintah</u>		10. FIELD AND POOL, OR WILDCAT: <u>Bluebell/Altamont</u>
STATE: <u>UTAH</u>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015



John D. Raines
Vice President

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Russell des Cognets II TITLE Asset Manager
SIGNATURE Russell des Cognets DATE 9/8/14

(This space for State use only)
APPROVED
OCT 08 2014
DIV. OIL GAS & MINING
BY: Rachael Medina

(See Instructions on Reverse Side)

Devon Energy Production Company, LP
Existing Well List for State/Fee/Indian Leases

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 1-14A2	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

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LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-in	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: LINN OPERATING, INC		8. WELL NAME and NUMBER: See Attached Well List
3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202		9. API NUMBER:
PHONE NUMBER: (303) 999-4275		10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Duchsene		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		

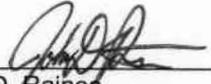
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

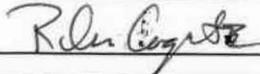
Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893 .

Attached is a list of Applications for Permit to Drill (APD) that are associated with this Change of Operator.

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015



John D. Raines
Vice President

NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE 	DATE <u>9/16/14</u>

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APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachael Medina

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(5/2000) (See Instructions on Reverse Side)

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Misc.

2. NAME OF OPERATOR:
LINN OPERATING, INC.

9. API NUMBER:

3. ADDRESS OF OPERATOR: PHONE NUMBER:
1999 Broadway, Ste #3700 Denver CO 80202 (303) 999-4016

10. FIELD AND POOL, OR WILDCAT:
Bluebell

4. LOCATION OF WELL
FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W

STATE: UTAH

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

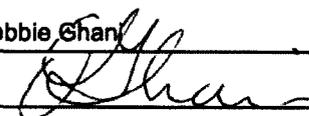
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Excluded wells from</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change of Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

43-013-31192 BOREN 3-11A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11
43-013-51846 MIKE AND SHELLEY #4-14A2 Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec14
43-013-31299 CORNABY 2-14A2 Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14
43-013-30035 FLY/DIA L BOREN 1-14A2 Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 and 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan TITLE Reg. Compliance Supervisor
SIGNATURE  DATE 9/23/2014

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