

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

(Other instructions on reverse side)

5. Lease Designation and Serial No.

Fee Land

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Shaw

9. Well No.

2-27A2

10. Field and Pool, or Wildcat

Blueberry Washatch

11. Sec., T., R., M., or Blk. and Survey or Area

SW/4 Section 27, T1S, R2W

12. County or Parrish

Duchesne

13. State

Utah

**CONFIDENTIAL**  
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

2. Name of Operator  
Pennzoil Company

3. Address of Operator  
P. O. Drawer 1139, Denver, CO 80201-1139

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1161' FSL 2217' FWL  
At proposed prod. zone Same

14. Distance in miles and direction from nearest town or post office\*  
7.3± miles northwest of Roosevelt, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)  
159' (1161')

16. No. of acres in lease  
640

17. No. of acres assigned to this well  
640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
2385'

19. Proposed depth  
15,800' *Wanted*

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
5639' GL (ungraded)

22. Approx. date work will start\*

November 17, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
14 3/4	10 3/4	40.0/45.5	4,600'	2500 ft <sup>3</sup>
9 7/8	7 5/8	29.7,33.7,39	12,100'	2600 ft <sup>3</sup>
6 1/2 or 6 3/4	5 1/2	20	12,000/15,800'	250 ft <sup>3</sup>

- A. The following are a part of this APD:
1. Certified Location Plat
  2. Drilling Plan.
  3. BOP schematic.
  4. Map showing roadway to proposed wellsite.
  5. Schematics showing:
    - a. Rig layout on wellsite.
    - b. Cross-sections of wellsite.
- B. Water hauling permit no. T 14093, Duane Hall Trucking, Inc., is on file with the State of Utah.
- C. This is a 100% Pennzoil Company well.

**RECEIVED**  
NOV 17 1986

DIVISION OF  
OIL, GAS & MINING

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: (303) 832-6060 Home: (303) 988-3314  
Signed: Wilburn L. Luna Title: District Drilling Superintendent Date: 11-11-86  
Wilburn L. Luna

(This space for Federal or State office use)

Permit No. 43-013-31184 Approval Date

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

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any:

DATE: 11-24-86  
BY: John R. Boye

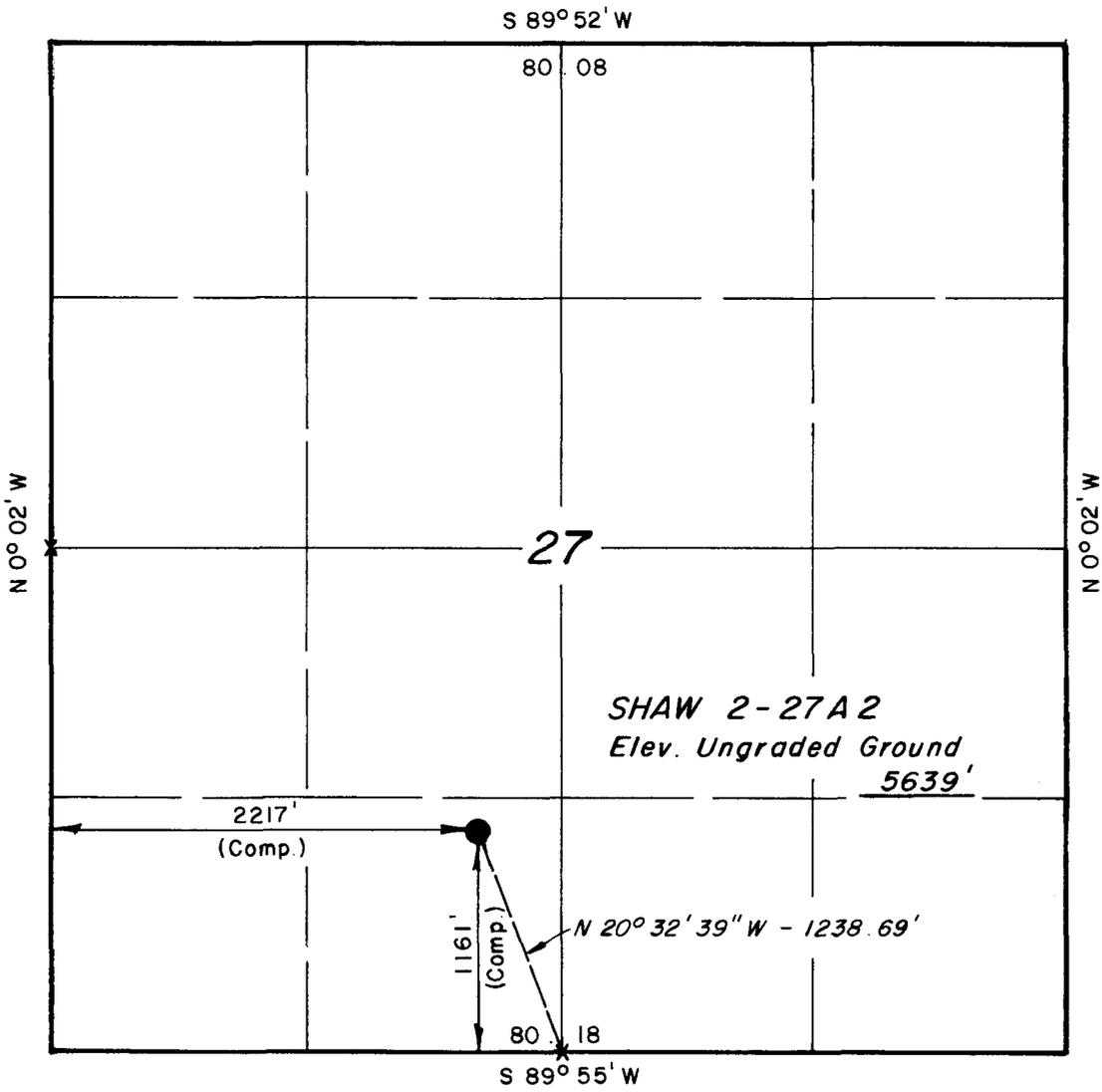
\*See Instructions On Reverse Side  
WELL SPACING: 139-42  
4-17-85

T 1 S, R 2 W, U.S.B. & M.

PROJECT

PENNZOIL EXPLORATION & PRODUCTION CO.

Well location, SHAW 2-27A2, located as shown in the SE 1/4 SW 1/4 Section 27, T 1 S, R 2 W, U.S.B. & M. Duchesne County, Utah.



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.

*Laurence E. Kay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3137  
 STATE OF UTAH

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

X = Section Corners Located

SCALE 1" = 1000'	DATE 11 / 12 / 86
PARTY JK BW BFW	REFERENCES GLO Plat
WEATHER Fair Cold	FILE PENNZOIL

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

November 11, 1986

**RECEIVED**  
NOV 17 1986

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: APD for:  
Shaw No. 2-27A2  
SW/4 Section 27, T1S, R2W  
Duchesne County, Utah

Gentlemen:

Three (3) original 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 AND PRODUCTION COMPANY



Wilburn L. Luna  
District Drilling Superintendent

Enclosures

WLL/dds

## DRILLING PLAN

OPERATOR: Pennzoil Company  
WELL: Shaw No. 2-27A2  
WELL LOCATION: 'FSL & 'FWL  
SESW, Section 27, T15, R2W  
Duchesne County, Utah

### 1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL FORMATIONS:

Duchesne River	at surface (surface formation)
Green River	6,470'
MB	8,343'
H	9,650'
HI	9,820'
K1	10,570'
180	12,095' (transition zone)
CP200	12,720'
CP232	13,670'
Total Depth	15,800'

### 2. ESTIMATED OIL & WATER DEPTHS:

Water: None anticipated  
Top Green River production oil @ 6,956'  
Top Wasatch production oil @ 12,123'

### 3. PROPOSED CASING PROGRAM:

- A. 16" conductor to be set and cemented at a proposed depth of 50'.
- B. 10 3/4", 40.5 & 45.5#, K-55, ST&C to be set and cemented at a proposed depth of 4,600'.  
Cement: Low density filler cement to surface. Tail-in with 250 sks C1 "H" tailored for depth and temperature.
- C. 7 5/8", 29.7, 33.7 & 39#, S-95, LT&C to be set and cemented at a proposed depth of 12,100', in the transition zone.  
Cement: Low density filler cement to surface. Tail-in with C1 "G" tailored to depth & temperature.
- D. 5 1/2", 20#, P-110, flush jt. liner to be set and cemented (proposed) from 12,000' to 15,800'.  
Cement: C1 "G" tailored to depth & temperature.

4. OPERATOR'S PRESSURE CONTROL PLAN:

Figure No. 1 is a schematic of the 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 70% of burst of last casing string run or 3500 psi (70% of 5,000 psi BOP stack).
- B. Bag preventor will be tested to 70% of burst of last casing string run or 2500 psi (50% of 5000 psi Bag Preventor).

Record all BOP tests on tour reports.

Retest BOP stack every 28 days.

Before drilling out test casing strings to 0.2 psi per foot of depth or 1,000 psi whichever is the greatest.

Fill-up line above the Bag Type Preventor.

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 on the string.
- C. PVT equipment will be used to monitor the mud system.

5. PROPOSED DRILLING FLUID PROGRAM:

- A. Surface hole: Drill this interval of the wellbore (conductor pipe to 4,600') with clear fresh water. Drill solids will be flocculated to keep the water as clean as possible. Lime & bentonite will be used as needed.
- B. Intermediate hole: (4,600-12,100') Start drilling this interval with water from the surface hole. Use viscous sweeps to keep the wellbore clean and a flocculant to keep the water clean.  
Should a Trona water flow be encountered, it will be killed and drilling will continue. When wellbore conditions dictate (tight hole, bridging & etc.) mud up with a low solids, non-dispersed drilling fluid.  
Final fluid properties: 11.5/12.5#, 35/45 Vis, 10/12 WL.
- C. For the 6 1/2 or 6 3/4" wellbore (Wasatch productive interval) a weighted, deflocculated mud system will be used. The viscosity and mud weight will be maintained at low but safe levels. The yield point will be high enough to support barite as needed for the required fluid weight. The water loss should be 10-15 cc for formation protection.  
Final fluid properties: 12.5/14.0#, 35 to 50 Vis, YP 12/15.

6. WELLBORE EVALUATION:

- A. DRILL STEM TESTING: None planned.
- B. CORING: None planned.
- C. LOGGING:
  - Surface Hole: None
  - Intermediate Hole: DIL-GR  
BHC-Sonic  
FDC
  - Wasatch Hole: DIL-GR  
BHC-Sonic  
FDC-  
VDL-
- D. COMPLETION: The objective formation is the Wasatch. Selected zones will be perforated and evaluated for stimulation work.

7. PRESSURES and TEMPERATURE

A. PRESSURE:

- At the (proposed 12,100') intermediate casing seat the mud weight will probably be 11.5# and the formation pressure 5,400 psi  $\pm$ .
- At total depth (proposed @ 15,800') the mud weight may be 14.0# and formation pressure 11,300 psi  $\pm$ .

B. TEMPERATURE:

- Temperatures are normal for this area and well depth, 250° at 15,800'.

8. ANTICIPATED STARTING DATE

Construction of road and location will start within one (1) to five (5) days after the permit is approved.

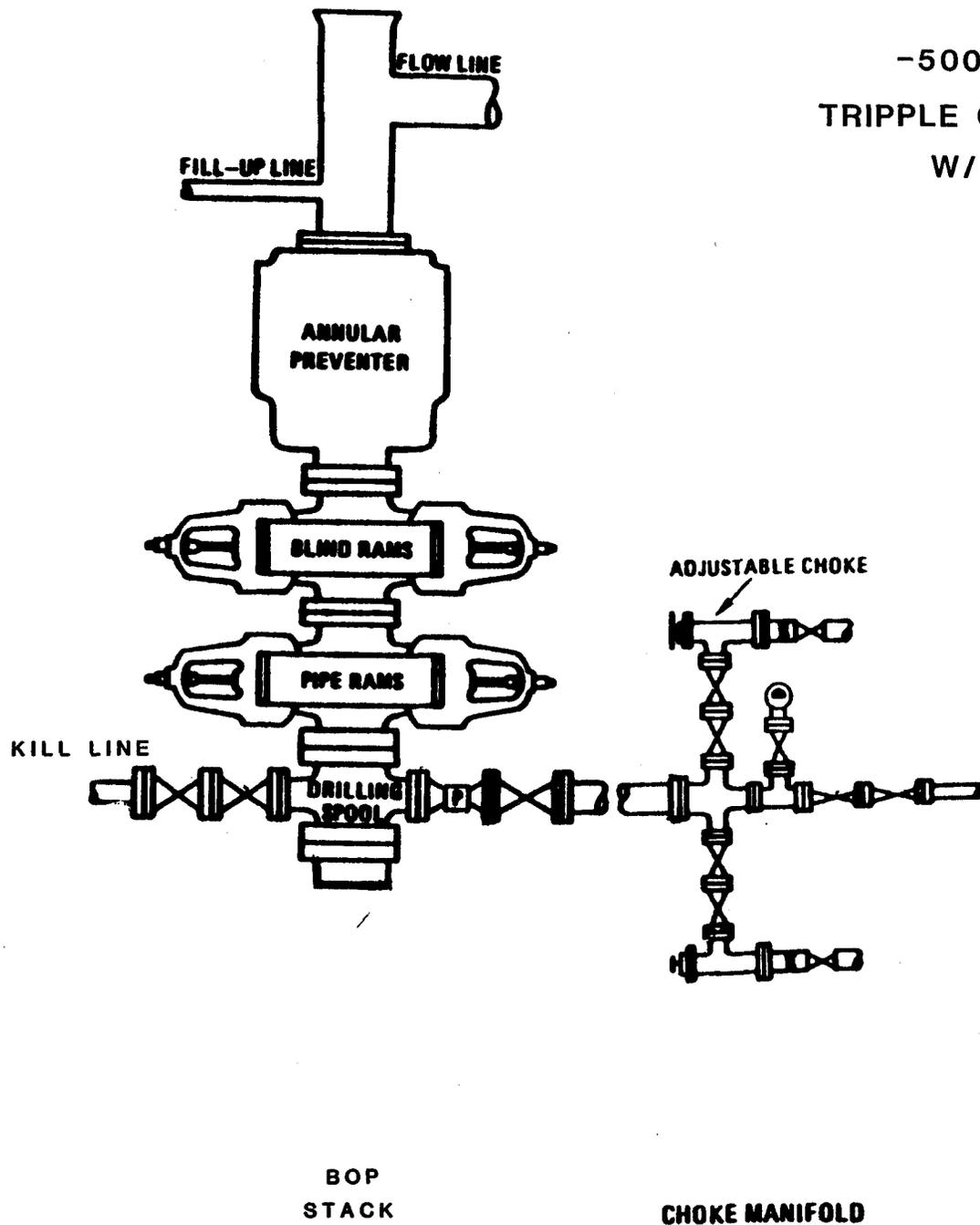
9. This well will be drilled per regulations as set forth by the:  
State of Utah Natural Resource  
Oil, Gas & Mining Division

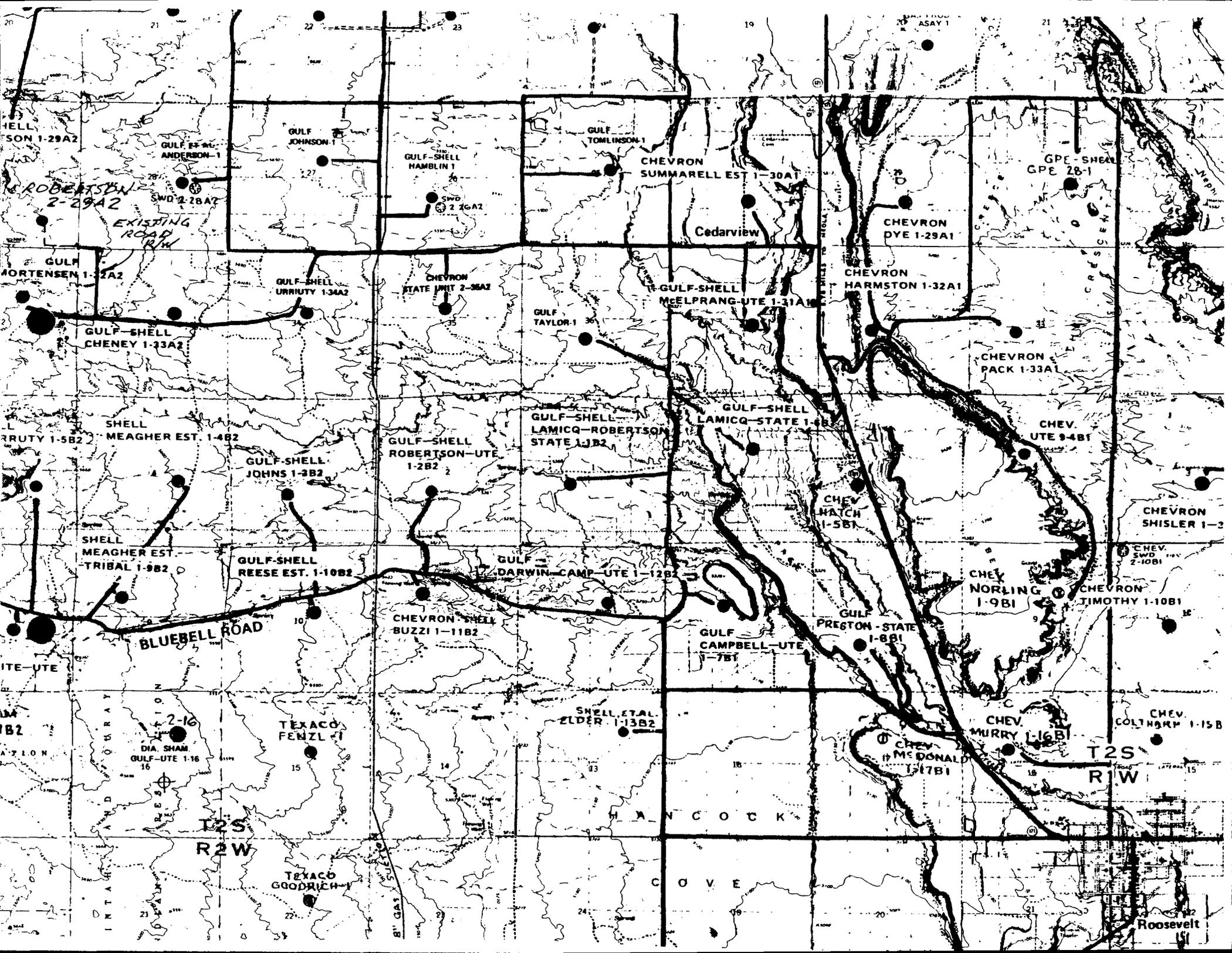
**BOP SCHEMATIC**

**-5000 PSI - WORKING PRESSURE  
TRIPPLE GATE - BAG TYPE - BOP STACK  
W/ HYDAULIC CHOKE MANIFOLD**

for:

**SHAW NO. 2-27A2**





SHELL MORTENSEN 1-29A2

GULF EST. ANDERSON-1

GULF JOHNSON-1

GULF-SHELL HAMBLIN 1

GULF TOMLINSON-1

CHEVRON SUMMARELL EST 1-30A1

GPE-SHELL GPE 2B-1

GULF ROBERTSON 2-29A2

SWD 2-28A2

SWD 2-28A2

Cedarview

CHEVRON DYE 1-29A1

GULF MORTENSEN 1-32A2

GULF-SHELL URRUTY 1-34A2

CHEVRON STATE UNIT 2-35A2

GULF-SHELL MCELPRANG-UTE 1-31A1

CHEVRON HARMSTON 1-32A1

GULF-SHELL CHENEY 1-33A2

CHEVRON PACK 1-33A1

URRUTY 1-5B2

SHELL MEAGHER EST. 1-4B2

GULF-SHELL JOHNS 1-3B2

GULF-SHELL ROBERTSON-UTE 1-2B2

GULF-SHELL LAMICQ-ROBERTSON STATE 1-1B2

GULF-SHELL LAMICQ-STATE 1-8B2

CHEV. UTE 9-4B1

SHELL MEAGHER EST. TRIBAL 1-9B2

GULF-SHELL REESE EST. 1-10B2

GULF DARWIN-CAMP-UTE 1-12B2

CHEV HATCH 1-5B1

CHEVRON SHISLER 1-3

BLUEBELL ROAD

CHEVRON-SHELL BUZZI 1-11B2

GULF CAMPBELL-UTE 1-7B1

GULF PRESTON-STATE 1-8B1

CHEV NORLING 1-9B1

CHEVRON TIMOTHY 1-10B1

ITE-UTE

DIA. SHAM GULF-UTE 1-16

TEXACO FENZL 1

SHELL ETAL ZLDER 1-13B2

CHEV. COLTHARP 1-15B

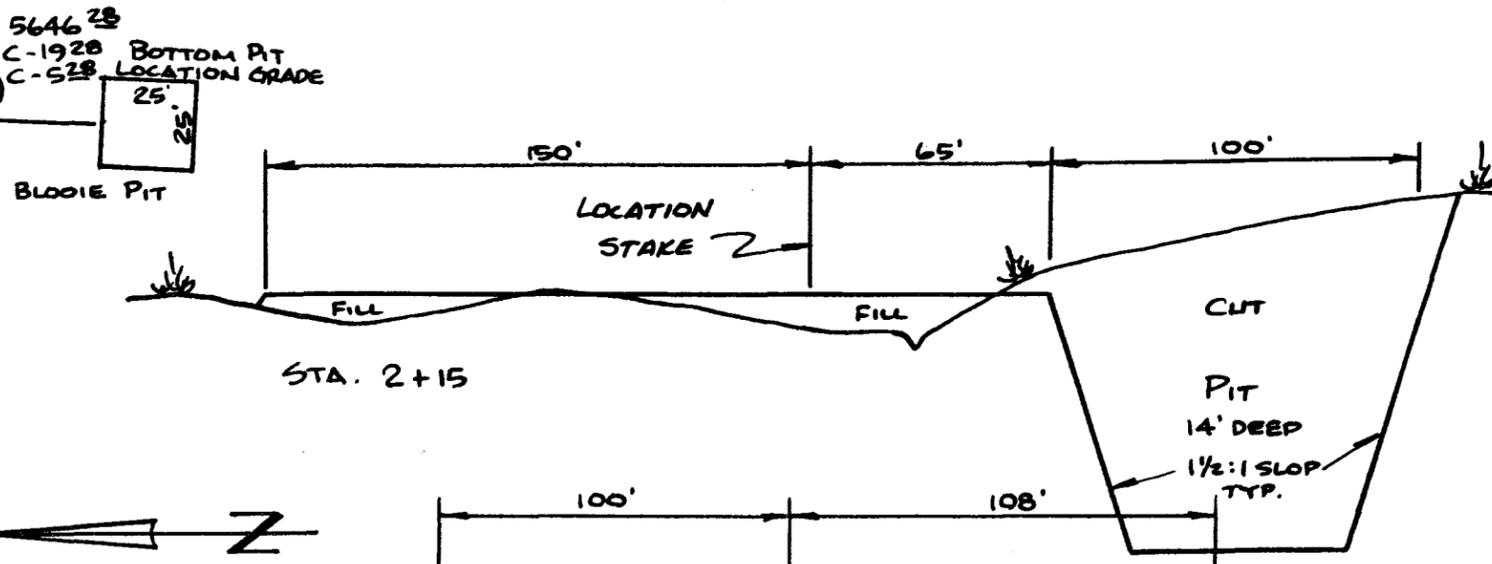
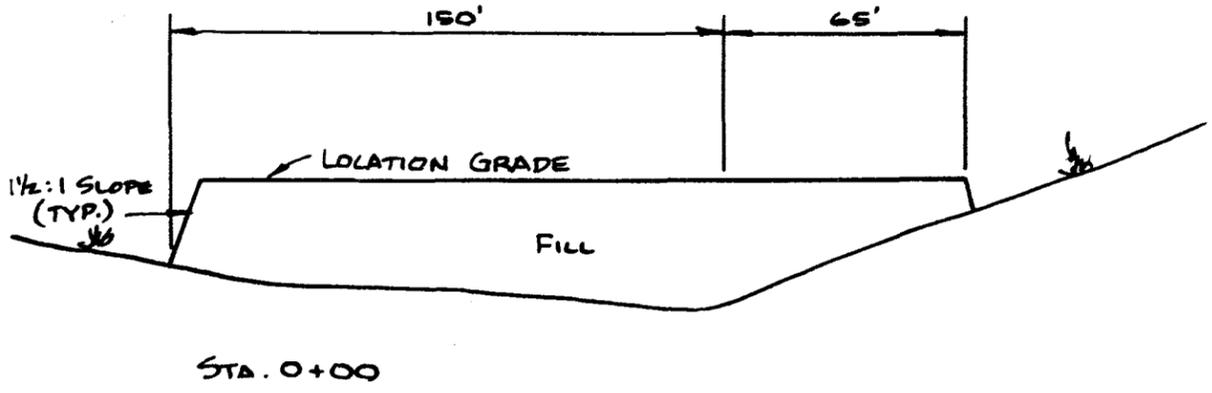
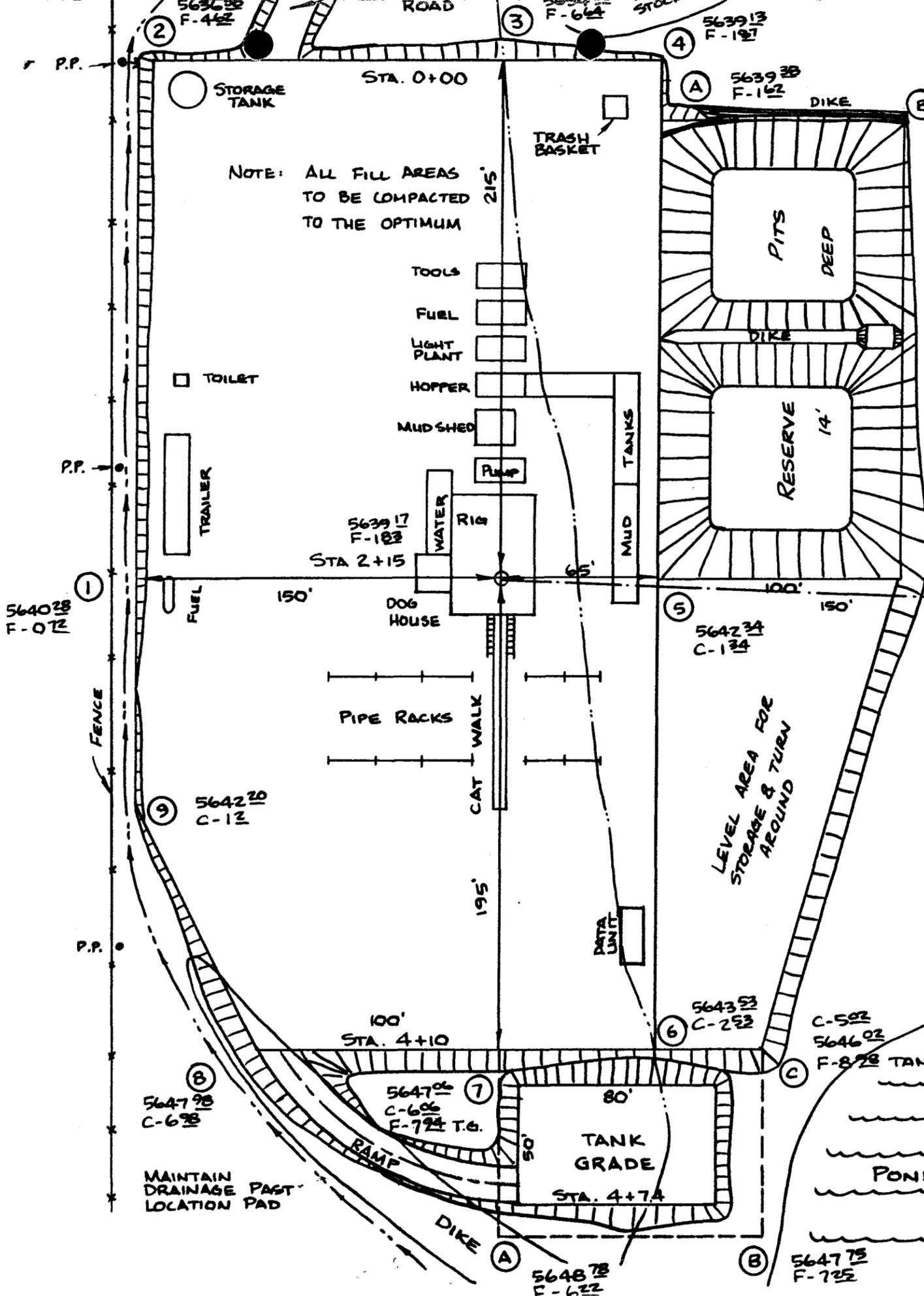
T2S R2W

T2S R1W

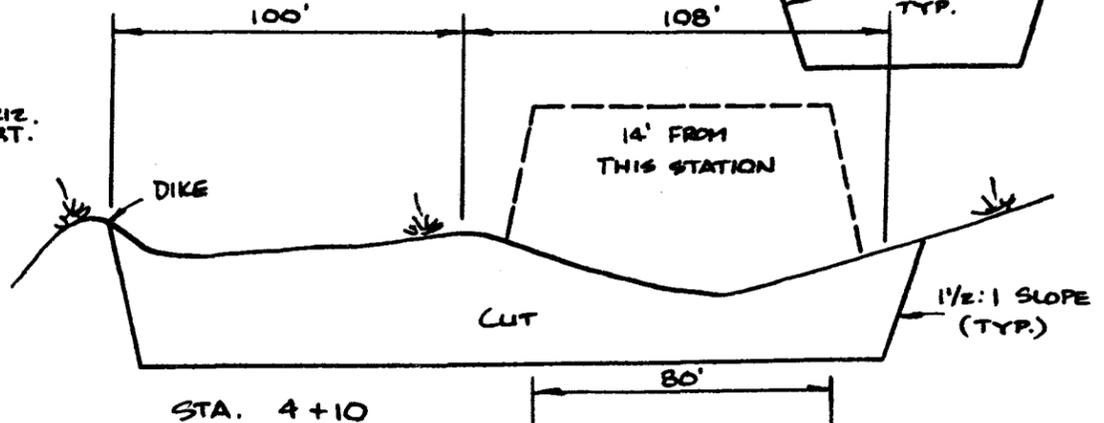
TEXACO GOODRIE-1

Roosevelt

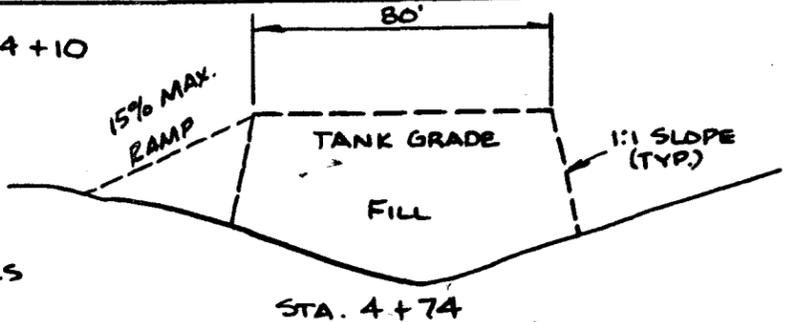
PENNZOIL EXPLORATION & PRODUCTION CO.  
 LOCATION LAYOUT & CUT SHEET  
 SHAW 2-27 A 2



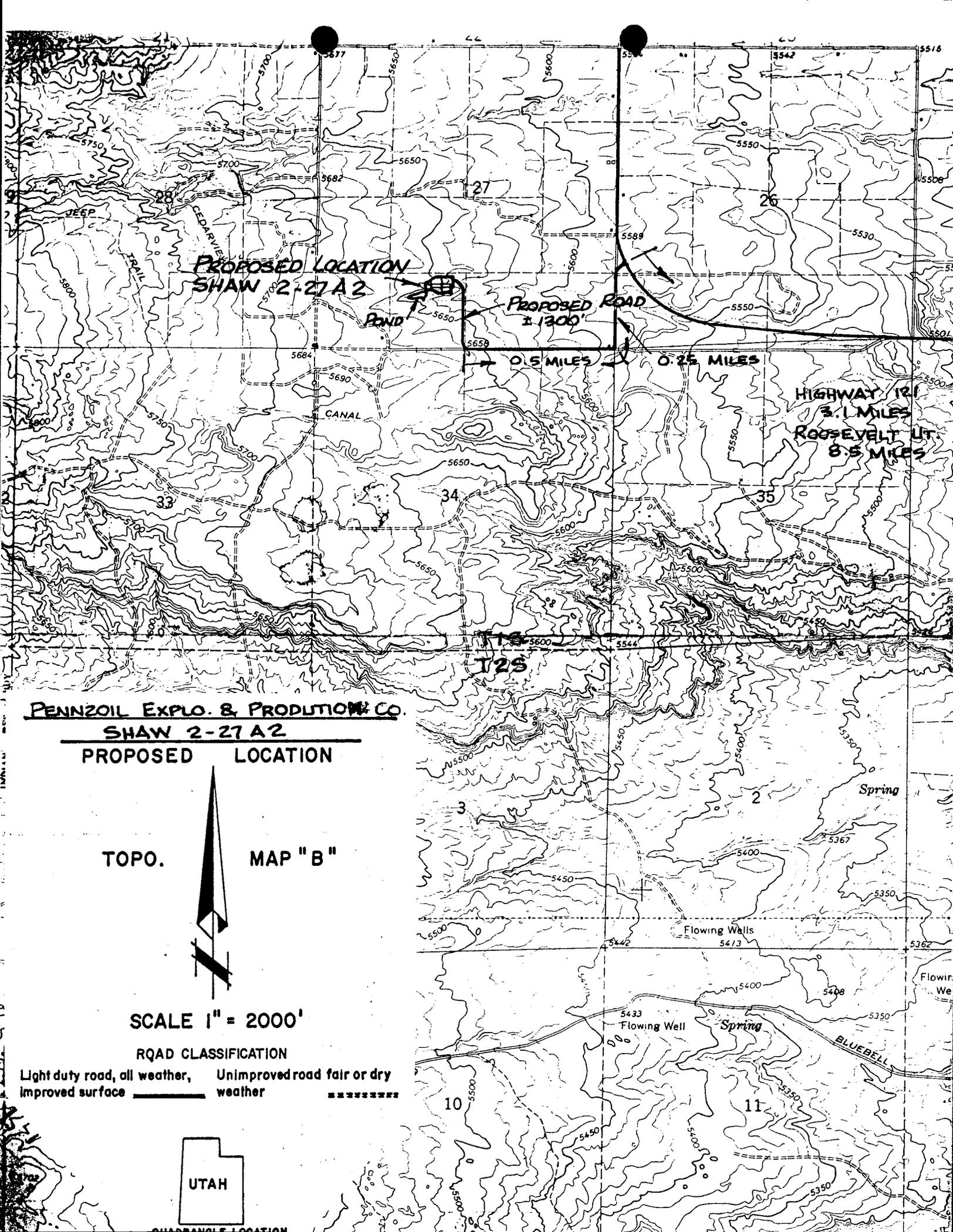
SCALE 1" = 50' HORIZ.  
 10' VERT.  
 DATE: 11-13-86



APPROX. YARDAGES  
 CU. YDS. CUT 11,230  
 CU. YDS. FILL 9,386  
 20% COMPACTION LOSSES  
 1810 CUBIC YARDS







**PROPOSED LOCATION  
SHAW 2-27A2**

**PROPOSED ROAD  
± 1300'**

0.5 MILES

0.25 MILES

**HIGHWAY 121  
3.1 MILES  
ROOSEVELT UT.  
8.5 MILES**

**PENNZOIL EXPLOR. & PRODUCTION CO.**

**SHAW 2-27A2**

**PROPOSED LOCATION**

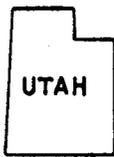
TOPO.

MAP "B"

SCALE 1" = 2000'

**RQAD CLASSIFICATION**

Light duty road, all weather, improved surface **—————**      Unimproved road fair or dry weather **\*\*\*\*\***



QUADRANGLE LOCATION

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
DRILLING LOCATION ASSESSMENT

OPERATOR Pennzoil WELL NAME Shaw 2-27A2  
LOCATION: COUNTY Duchesne SECTION 27 T 1S R 2W  
QTR/QTR SESW 1161' FSL & 2217' FWL  
SURFACE OWNERSHIP Jim Shaw MINERAL LEASE # Fee

ASSESSMENT PARTICIPANTS:

DATE 11 / 17 / 86

Paul Deaton

Pennzoil - 801-922-3116

Brad Webber

Uintah Eng.

Harold Stromgren

Pennzoil

William Moore

DOGIM

I. REGIONAL SETTING/TOPOGRAPHY

Colorado Plateau, South Flank Uinta Mtns.

II. LAND USE

A. Current Surface Use:

Grazing

B. Proposed Surface Disturbance:

470' X 365' wide, road in from the south turning west to the site  
along fence lines.

C. Affected Floodplains and/or Wetlands:

Low marshy area to require fill and culverts.

III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Uhta Formation - silty sand.

2. Stability -

stable low slopes.

B. Soils:

1. Soil Characteristics -

silty sandy loam.

2. Erosion/Sedimentation -

nil.

C. Water Resources:

E-W drainage - minor, irrigation ditch and ponds. Pond in SW corner next to location. High ground water table.

local water well user within 1/4 mi W-E 1/2 N.

D. Flora/Fauna:

Grasses, Russian Olive, sagebrush, rabbits, cows

E. Cultural Resources/Archeology:

None - Free land.

F. Adequacy of Restoration Plans:

NA - landowner agreement.

IV. RESERVE PIT

A. Characteristics:

100' x 200' on south side of location into hill, 14' Deep.  
in Vinta Formation silty sand. Possible layers of clay beneath,  
but unknown for sure.

B. Lining:

2 lb/sg ft dry commercial bentonite

V. OTHER OBSERVATIONS

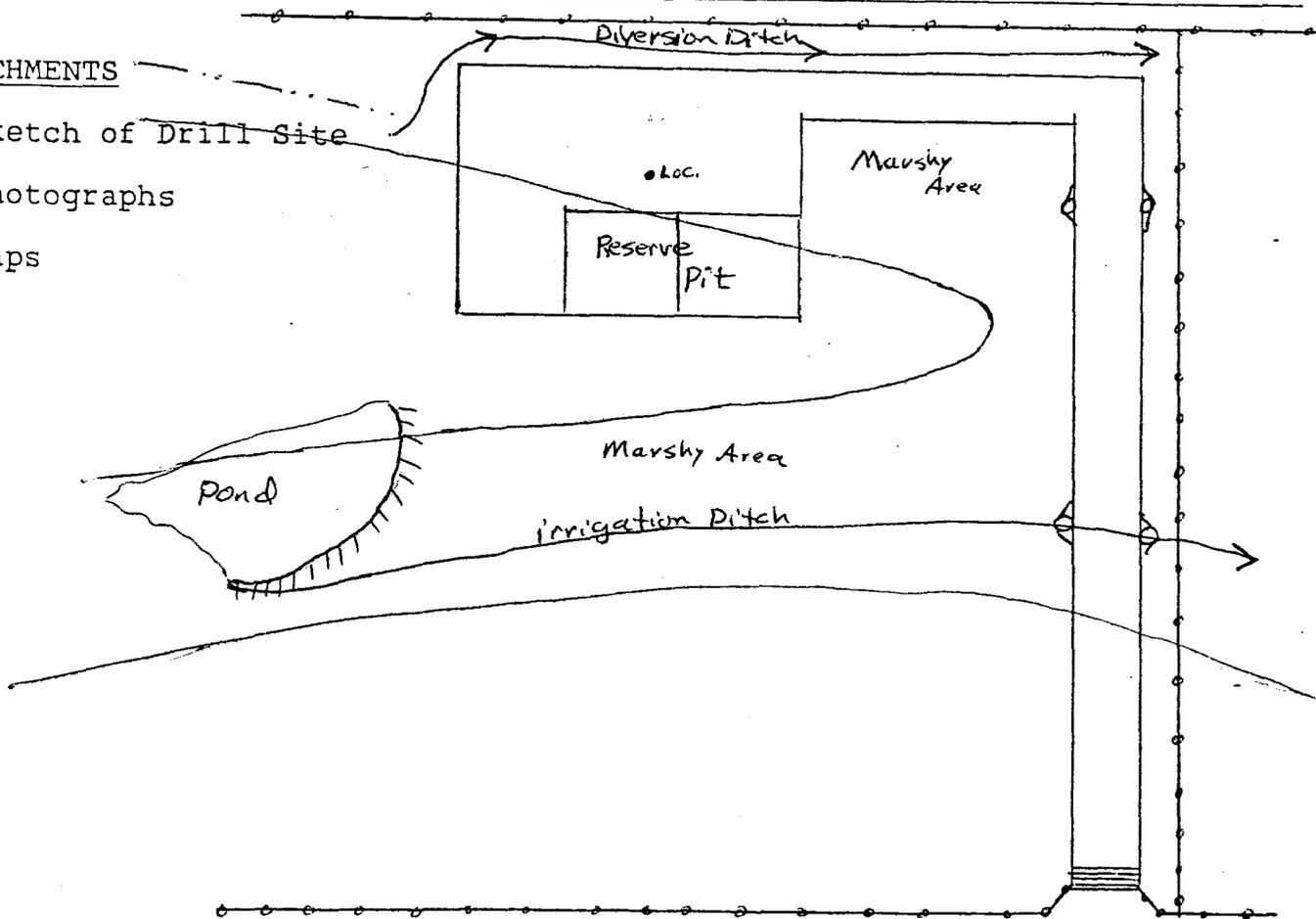
need drainage control around location as proposed in site plan.

VI. STIPULATIONS FOR APD APPROVAL:

- 1) Line pit with 2 lbs/sq.ft. (dry wt.) Commercial Bentonite
- 2) 48 hrs notice upon completion of pit and before filling with water to allow for inspection.
- 3) Keep depth of pit above ground water table, expand size if needed
- 4) Drainage around location for diversion of surface runoff

VII. ATTACHMENTS

- A. Sketch of Drill Site
- B. Photographs
- C. Maps



STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
DRILLING LOCATION ASSESSMENT

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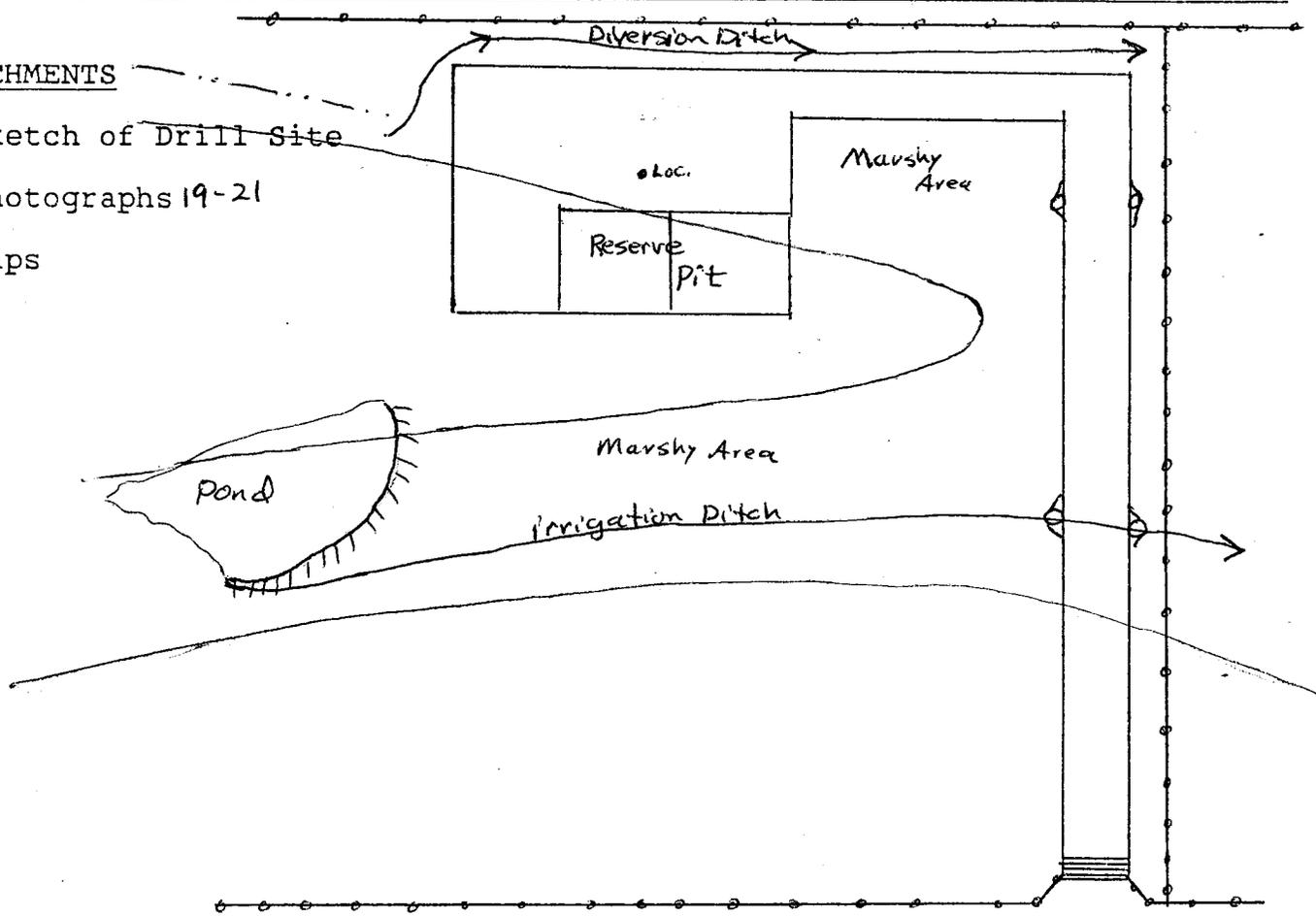
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- B. Photographs 19-21
- C. Maps



Pennzoil  
Shell

# 2 - 27A2

43-013-31184

15-2W Sec 27

Duchesne County

353-4096

Mike Rouse

Water problems:

Hit water at 10' while digging

Reserve pit,

Sol: if expanding pit will still give enough  
volume while keeping above ground water,  
expand pit keeping only 10' deep and line  
with plastic liner.

CONFIDENTIAL

11505

012003

OPERATOR Pennzoil Co. DATE 11-18-86

WELL NAME Shaw 2-27A2

SEC SE SW 27 T 15 R 2W COUNTY Duchesne

43-013-31184  
API NUMBER

Fee  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

& Cause 139-42  
Water permit # T14093 (Ruan Hall Trucking)

APPROVAL LETTER:

SPACING:  203 \_\_\_\_\_ UNIT

302

139-42 4-10-85  
CAUSE NO. & DATE

302.1

STIPULATIONS:

1. Reserve pit shall be lined w/ a minimum of 2 lbs. per square foot of dry commercial Bentonite.

2. The operator shall notify the Division within 18 hours after reserve pit construction and prior to placing fluids in pit to allow for inspection.

3. The reserve pit shall be constructed to prevent

0218T

influx of ground water into pit.  
4. The location shall be diked or trenched and natural drainages diverted to prevent influent to or effluent from the location.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 24, 1986

Pennzoil Company  
P. O. Drawer 1139  
Denver, Colorado 80201-1139

Gentlemen:

Re: Shaw 2-27A2 - SE SW Sec. 27, T. 1S, R. 2W  
1161' FSL, 2217' FWL - Duchesne County, Utah

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

1. Reserve pit shall be lined with a minimum of 2 lbs. per square foot of dry commercial bentonite.
2. The operator shall notify the Division within 48 hours after reserve pit construction and prior to placing fluids in pit to allow for inspection.
3. The reserve pit shall be constructed to prevent influx of ground water into pit.
4. The location shall be diked or trenched and natural drainages diverted to prevent influent to or effluent from the location.

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

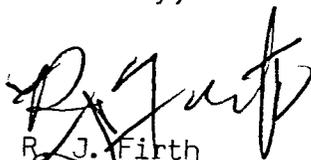
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2  
Pennzoil Company  
Shaw 2-27A2  
November 24, 1986

4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. 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 43-013-31184.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

120302

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API #43-013-31184

NAME OF COMPANY: PENNZOILWELL NAME: Shaw 2-27A2SECTION SE SW 27 TOWNSHIP 1S RANGE 2W COUNTY DuchesneDRILLING CONTRACTOR Bill, Jr

RIG # \_\_\_\_\_

SPUDDED: DATE 12-1-86TIME 2:00 PMHOW Rat Hole DiggerDRILLING WILL COMMENCE Montgomery Rig 5 - 12-5-86REPORTED BY Mike RouseTELEPHONE # 353-4096DATE 12-2-86 SIGNED Wm. Moore

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

December 11, 1986

**RECEIVED**  
DEC 15 1986

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: Water Flow  
Shaw No. 2-27A2  
SESW Section 27, T1S, R2W  
Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) copies of your form OGC-8-X "REPORT OF WATER ENCOUNTERED DURING DRILLING" for captioned well.

Should there be any question, please contact the undersigned at (303) 832-6060.

Sincerely,

PENNZOIL EXPLORATION AND PRODUCTION COMPANY

*Wilburn L. Luna*

Wilburn L. Luna  
District Drilling Superintendent

Enclosures

WLL/dds

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL, GAS AND MINING  
 4241 State Office Building  
 Salt Lake City, UT 84114

RECEIVED  
 DEC 15 1986

DIVISION OF  
 OIL, GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

CONFIDENTIAL

Well Name & Number Shaw No. 2-27A2

Operator Pennzoil Company

Address P. O. Drawer 1139  
 Denver, CO 80201-1139

Contractor Montgomery Drilling Company

Address P. O. Box 80307  
 Bakersfield, CA 93380

Location NE 1/4 SW 1/4 Sec. 27 T. 1S R. 2W County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	2190'	2195'	10 GPM	Fresh (no noticeable chlorides increase)
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops

Remarks

Raised mud weight from 8.4 to 9.3#/gallon and continued drilling.

NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

*W. F. Luvina*

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

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

011314

**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"/>		3. LEASE DESIGNATION AND SERIAL NO. FEE LAND	
2. NAME OF OPERATOR Pennzoil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 1139, Denver, CO 80201-1139		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1161' FSL & 2217' FWL		8. FARM OR LEASE NAME Shaw	
14. PERMIT NO. API 43-013-31184		9. WELL NO. 2-27A2	
15. ELEVATIONS (Show whether of, ft., or, etc.) 5639' GL (ungraded)		10. FIELD AND POOL, OR WILDCAT Bluebell-Wasatch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SESW Sec. 27, T1S, R2W	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

RECEIVED  
JAN 08 1987  
DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Operations</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.)

A. This spudded on 12-3-86 when drilling on conductor hole started. Set & cmtd 16" conductor @ 100'.

B. MI & RURT started drilling at 3:00 PM on 12-8-86.

C. Encountered a 10 GPM water flow @ 2190'. Killed same w/ 8.9#/gal mud.

D. Drilled 14 3/4" wellbore to 4385'.

E. Surface csg report:

- Ran 104 jts 10 3/4", 45.50#, K-55, LT&C csg. Set & cmtd @ 4382'.
- Cemented w/ 1600 sks of BJ-Titan's C1 "G", 3% Lodense, 5#/sk Gilsonite, 1/4#/sk celloflakes.
- Cement fell back 60'. Recemented w/ 125 sks C1 "G" 2% CC. Cement did not fall back again.
- Cut-off, weld on csg head, N/U BOP stack and test same w/ 5,000 psi.
- Test 10 3/4" csg to 1500 psi. OK.
- Drilled out and to 4385' with 9 7/8" bit.
- Circ 9.2# mud around and pressure tested 10 3/4" csg. seat to 14.5#/gal. equivalent mud weight - OK.
- At report time on 1-1-87, depth was 7956' and drilling ahead with fresh water and no problems.

18. I hereby certify that the foregoing is true and correct  
(303) 832-6060  
SIGNED Wilburn Luna TITLE District Drilling Superintendent DATE Jan. 5, 1987

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

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

February 10, 1987

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 84100-1203

**RECEIVED**  
FEB 11 1987

DIVISION OF  
OIL, GAS & MINING

Re: Operations Report for January 1987  
Shaw No. 2-27A2  
SW/4 section 27, T15, R2W  
Duchesne County, Utah

Gentlemen:

Enclosed please find the original and three (3) copies of your form OGC-16 "SUNDRY NOTICES & REPORTS on WELLS" for captioned operations.

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

Sincerely,

Pennzoil Company  
Wilburn L. Luna  
Wilburn L. Luna

Enclosures.

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

021819

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shaw

9. WELL NO.

2-27A2

10. FIELD AND POOL, OR WILDCAT

Bluebell-Wesatch

11. SEC., T., R., M., OR BLK. AND SUBVY OR AREA

SESW  
Sec-27, T1S, R2W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Pennzoil Company

3. ADDRESS OF OPERATOR  
P.O. Box 790  
Neola, UT 84053

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)  
At surface  
1161' FSL & 2217' FWL

RECEIVED  
FEB 11 1987  
DIVISION OF OIL, GAS & MINING

14. PERMIT NO.  
APR 43-013-31194

15. ELEVATIONS (Show whether OF, ST, GR, etc.)  
5639' GL (upgraded)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>monthly operations</u> <input checked="" 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.)

A. On 1-1-87 continued drilling a 9 7/8" wellbore to 12,006'.

B. Ran DLL-GR, FDC-CNL & BHC-sonic logs at 12,006'.

C. 7 5/8" intermediate casing report:  
-Ran 287jts (12,023.99') 7 5/8", 29.7#, N-80/5-95/P-110, LT & C & Butt csg. set and cemented @ 12,006' K.B.

D. Cement report:  
-1<sup>st</sup> stage: Dowell cmted w/365SKs Hi-lift w/3% salt.  
-2<sup>nd</sup> stage: Dowell cmted w/560SKs. Hi-lift w/3% salt and tailed-in with 100SKs & 1" G".

E. NU BOP stack & tested same to 5,000psi Drilled D.V. Tool & tested csg to 5,000psi. Drilled out and made 5' of new hole. Tested csg. sent to 2575 Psi, 14.7# EMW. started drilling ahead.

F. On 2-1-87 at 6 AM Pennzoil was drilling ahead @ 12,357' with a 6 3/4" diamond bit. mud? 10.8#, 41Vis, 9.8W.L.

18. I hereby certify that the foregoing is true and correct office (801) 353-4397

SIGNED William L. Luna TITLE Drilling Superintendent DATE 2-10-87  
William L. Luna

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

030301

RECEIVED  
MAR 05 1987

DIVISION OF  
OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 1-26-87

OIL CO.: Pennzoil

WELL NAME & NUMBER Shaw 2-27-A2 43-013-31184

SECTION 27

TOWNSHIP 1 S

RANGE 2 W

COUNTY Duchesne

DRILLING CONTRACTOR Montgomery #5

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
608 N. Vernal Ave.  
Vernal, UT 84078  
Phone: (801) 781-0448 or (801) 781-0449

OIL CO. SITE REPRESENTATIVE Joel L. Morriss

RIG TOOL PUSHER Dick Pollard

TESTED OUT OF Vernal

NOTIFIED PRIOR TO TEST: .....

COPIES OF THIS TEST REPORT SENT COPIES TO: Pennzoil  
Montgomery  
State

ORIGINAL CHART & TEST REPORT ON FILE AT: Vernal OFFICE

# DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560  
Shoshoni, Wyoming 82649  
307-876-2308

DELIVERY TICKET

No 4219

1-26-87

Operator Pennycil Contractor Montgomery Rig No. #5  
 Ordered By Joel Lease Show Well No. 2-27-A2  
Duchesne Utah Section 27 Township 13 Range 2W

**Items Tested:**

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams			5000	5 min	OK
Bottom Pipe Rams			5000	5 "	"
Top Blind Rams			5000	5 "	"
Annular B.O.P.			2500	5 "	"
Choke Manifold			5000	5 "	"
Choke Line			5000	5 "	"
Kill Line			5000	5 "	"
Super Choke			5000	5 "	"
Upper Kelly			5000	5 "	"
Lower Kelly			5000	5 "	"
Floor Valve			5000	5 "	"
Dart Valve					
Hand Choke			5000	5 "	"

Closing Unit Psi 2800 Closing Time of Rams 7 sec Closing Time of Hydril 15 sec  
 Closed Casing Head Valve yes Set Wear Sleeve yes  
 Comments \_\_\_\_\_

**Rates:**

Minimum Charge 8 hr @ \_\_\_\_\_  
 Additional Charge \_\_\_\_\_  
 Mileage 30 mile - 1 way - from Vernal @ \$1.00  
 Test Plug 11" WKM  
 Top Sub 3 1/2 IF  
 Kelly Sub 3 1/2 IF  
 Crossover Subs 3 1/2 IF & 4 1/2 x H  
 Methanol Charge 50 gal for test + manifold @ \$2.00/gal  
 Other Wear Sleeve Retriever 4-5 x 3 1/2 IF on loc

Tested By Don Morris Sub Total \_\_\_\_\_  
 Signature of Company Rep. Joel H. Murphy Tax \_\_\_\_\_  
 Total \_\_\_\_\_

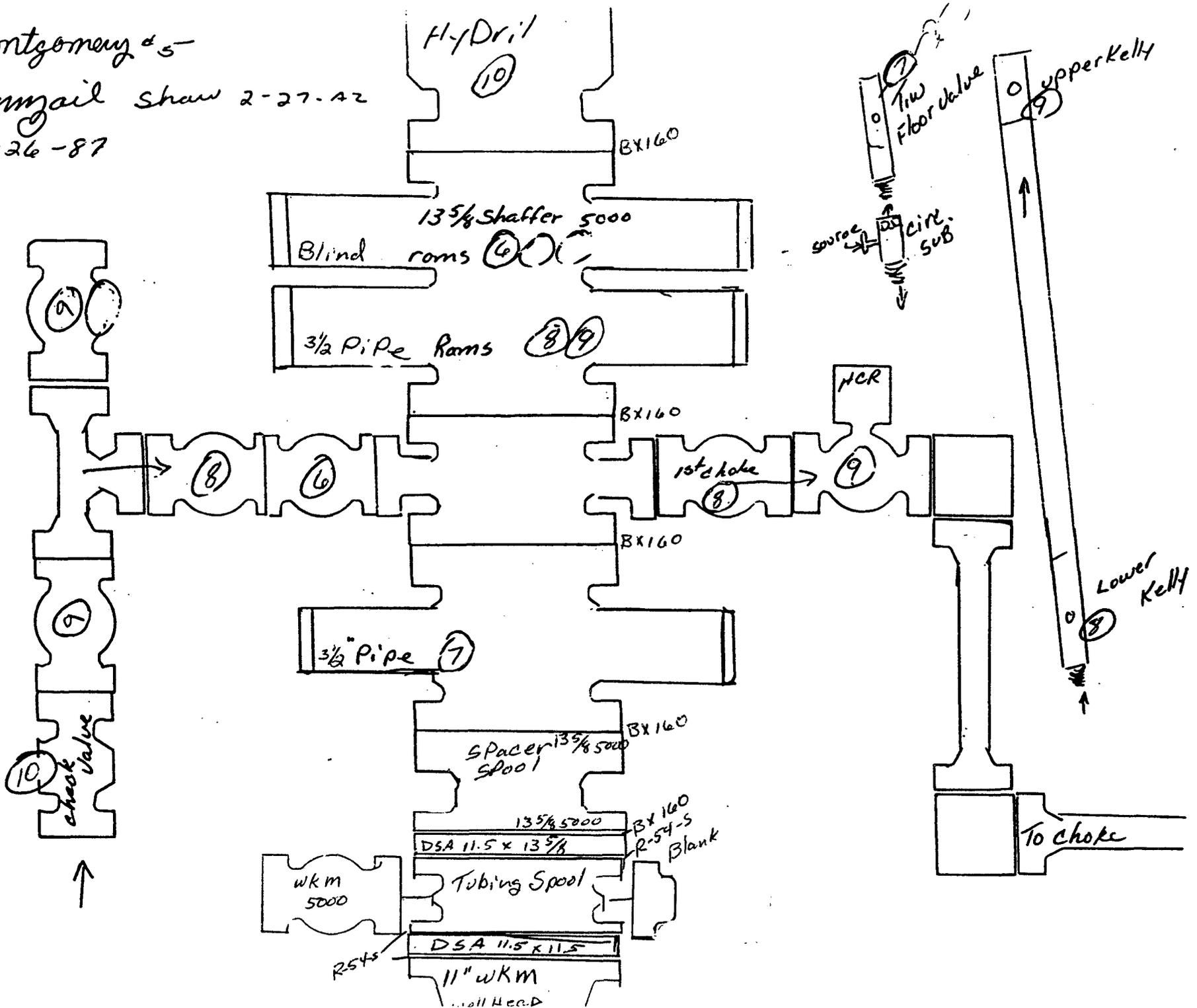
COMPANY	LEASE AND WELL NAME #	DATE OF TEST	RIG # AND NAME
Pennzoil	Shaw 2-27-A2	1-26-87	Montgomery

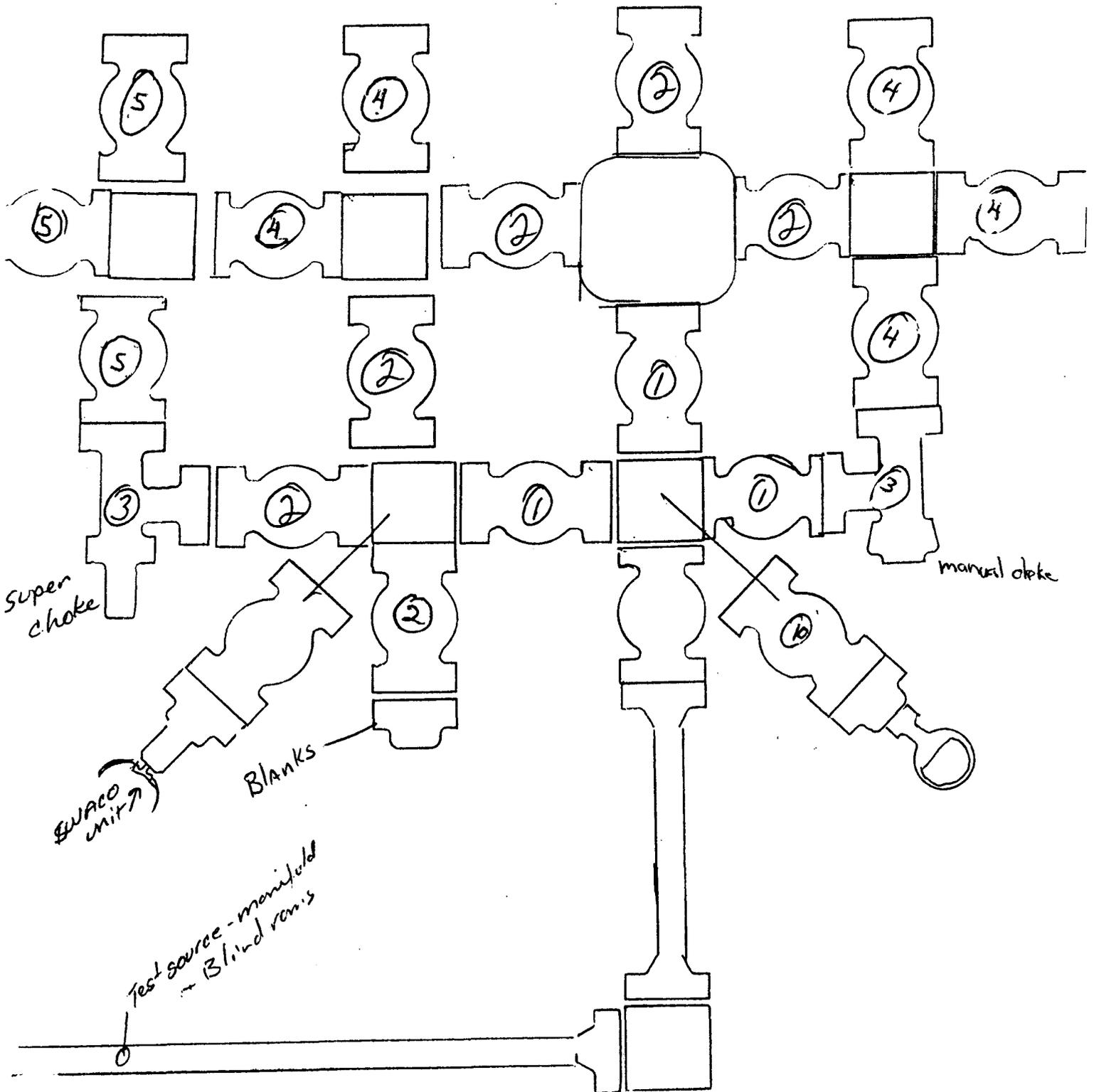
ST#	TIME	
	6:00 AM	Arrived on location rigged up Bop lifts nipple down stake P.U. Stake set pipe cut off Pipe X-O Spools & D.S.A nipple up ready to test at 5:30 PM 1-26-87
①	5:40-5:55 PM	test first set choke manifold valves & HCR 5000-OK
②	6:00-6:15 PM	2nd set manifold valves 5000-OK
③	6:18-6:33 PM	Swaco choke & manual choke 5000-OK
④	6:35-6:50 PM	3rd set valves & HCR 5000-OK
⑤	6:55-7:10 PM	last set valves & HCR 5000-OK W-O Rig X-O Kelly's P-U Joint DP set plug fill stake
⑥	10:25-10:40 PM	Blind Rams & 1st kill water 5000-OK P.U. Kelly & Kelly knobs & Tiw & sting in to plug
⑦	11:10-11:25 PM	Lower Pipe Rams 3 1/2 & floor Tiw valves 5000-OK
⑧	11:35-11:50 PM	upper pipe rams 3 1/2 2 Kill line valve 1st choke valve & lower Kelly - 1-27-87 5000-OK
⑨	12:00-12:15 AM	upper pipe rams 3 1/2 - 3rd Kill line valve - HCR - upper Kelly 5000-OK
⑩	12:25-12:40 AM	Hy Drill & up right gauge valve on choke manifold & check 2500 Set wear sleeve & charge manifold with methanol

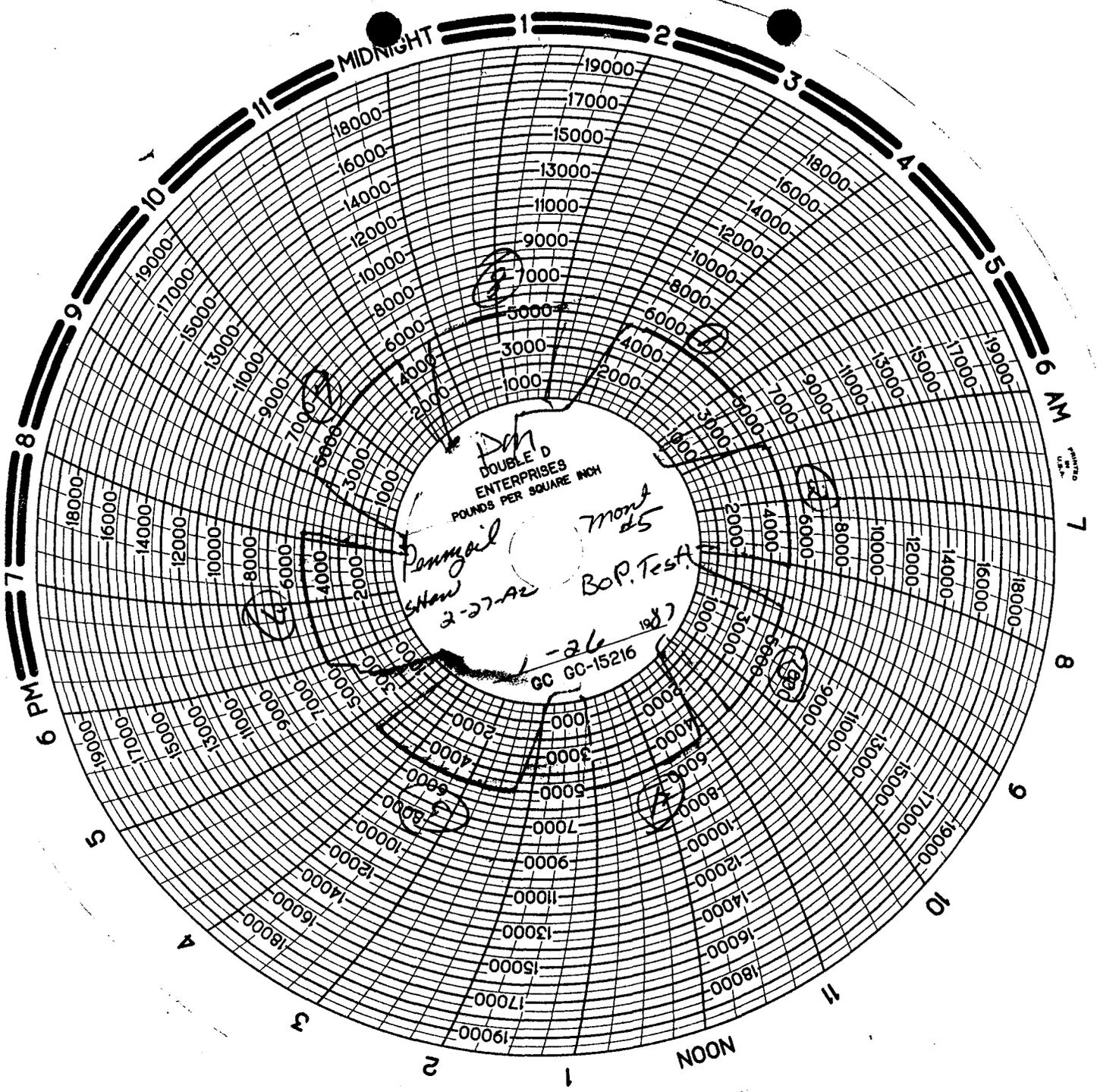
Montgomery #5-

Pennail Shaw 2-27-42

1-26-87





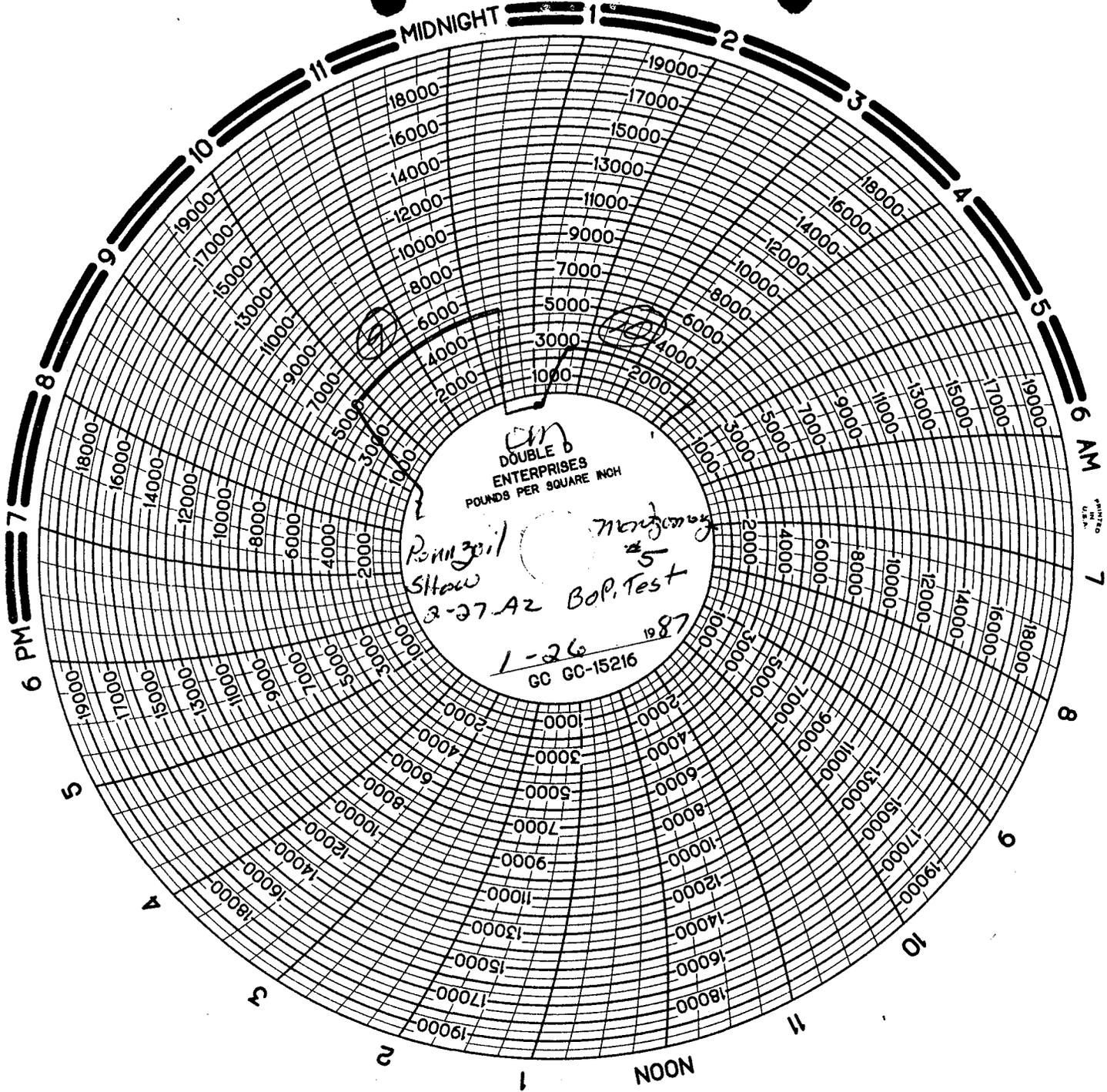


DM  
DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

Panjoil show  
2-27-82  
Mont #5  
BOP Test

GC GC-15216

PRINTED  
IN U.S.A.



DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

*Penzoil*  
*Stow*  
*2-27-AZ*  
*GC GC-15216*  
*1-26 1987*  
*Morgan #5*  
*BoP. Test*

PRINTED  
IN U.S.A.

sta

# DOUBLE "D" ENTERPRISES

B.O.P. Test Report

**RECEIVED**  
MAR 05 1987

DIVISION OF  
OIL, GAS & MINING

*P.T.T.*  
B.O.P. TEST PERFORMED ON (DATE) *1-29-87*

OIL CO.: *Pennacoil*

WELL NAME & NUMBER *Shaw 2-27-87*

SECTION *27*

TOWNSHIP *13*

RANGE *24*

COUNTY *Duquesne*

DRILLING CONTRACTOR *Montgomery 25*

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
608 N. Vernal Ave.  
Vernal, UT 84078  
Phone: (801) 781-0448 or (801) 781-0449

OIL CO. SITE REPRESENTATIVE *Paul Murphy*

RIG TOOL PUSHER *Dick Ballard*

TESTED OUT OF *Vernal*

NOTIFIED PRIOR TO TEST:

COPIES OF THIS TEST REPORT SENT COPIES TO: *Pennacoil - Paul + Paul*  
*Stok*

ORIGINAL CHART & TEST REPORT ON FILE AT: *Vernal*.....OFFICE

# DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560  
Shoshoni, Wyoming 82649  
307-876-2308

DELIVERY TICKET

N<sup>o</sup> 4220

1-29-87

Operator Pennzoil Contractor Montgomery Rig No. 45  
Ordered By Joel Murphy Lease Shaw Well No. 2-27-42  
Duchesne Utah Section 27 Township 15 Range 24

### Items Tested:

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams					
Bottom Pipe Rams					
Blind Rams					
Annular B.O.P.					
Choke Manifold					
Choke Line					
Kill Line					
Super Choke					
Upper Kelly					
Lower Kelly					
Floor Valve					
Dart Valve					
<u>P.I.T. Test</u>			<u>2575</u>		<u>equivalent mudwt 14.7</u>
Closing Unit Psi		Closing Time of Rams		Closing Time of Hydril	
Closed Casing Head Valve		Set Wear Sleeve			
Comments	<u>Took 4 1/2 BBLs To pump up</u>				

### Rates:

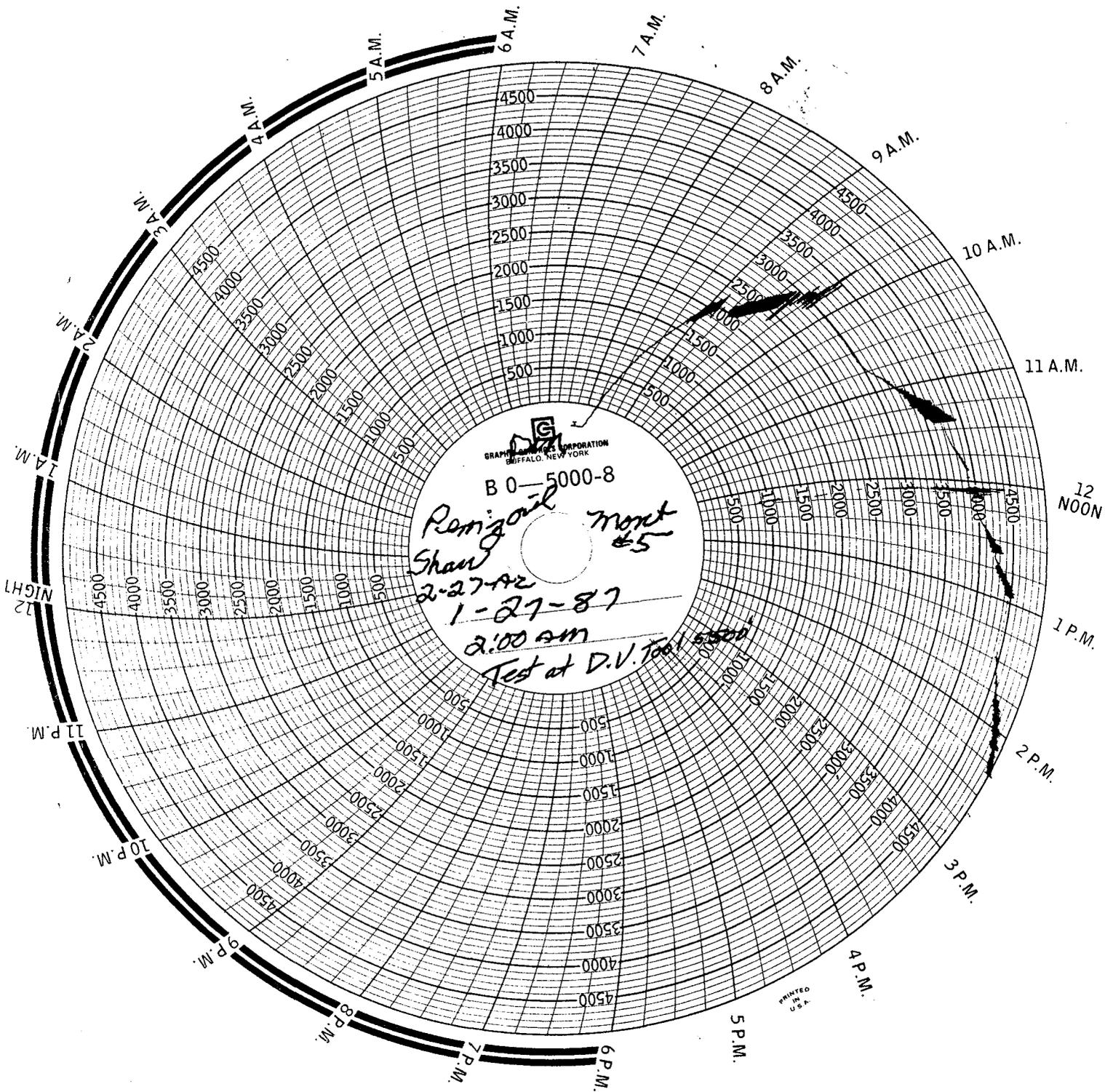
Minimum Charge 10 hr @  
Additional Charge \_\_\_\_\_  
Mileage 60 miles @ \$1.00 per mile  
Test Plug \_\_\_\_\_  
Top Sub \_\_\_\_\_  
Kelly Sub \_\_\_\_\_  
Crossover Subs \_\_\_\_\_  
Methanol Charge 50 gal @ 12.00 per gal  
Other \_\_\_\_\_

Tested By Don Morris  
Signature of Company Rep. Joel H. Murphy

Casing Test To D.U. Tool 5500' . 5000 PSI Held for 5 min

COMPANY	LEASE & WELL #	RIG	DATE
Pennycoll	Shaw - 2-27-A2	Montgomery #5	1-27-87

BBLS.	GALS.	P.S.I.	BBLS.	GALS.	P.S.I.
STARTING P.S.I. →					
1/4	10.5	225	5 3/4	241.5	
1/2	21	475	6	252	
3/4	31.5	600	6 1/4	262.5	
1	42	825	6 1/2	273	
1 1/4	52.5	1025	6 3/4	283.5	
1 1/2	63	1300	7	294	
1 3/4	73.5	1650	7 1/4	304.5	
2	84	2100	7 1/2	315	
2 1/4	94.5	2475	7 3/4	325.5	
2 1/2	105	2950	8	336	
2 3/4	115.5	3450	8 1/4	346.5	
3	126	3950	8 1/2	357	
3 1/4	136.5	4300	8 3/4	367.5	
3 1/2	147	4625	9	378	
3 5/8	152.5	5000 <sup>PSI</sup>	9 1/4	388.5	
4	168	5500' @ D.U. Tool	9 1/2	399	
4 1/4	178.5		9 3/4	409.5	
4 1/2	189		10	420	
4 3/4	199.5		10 1/4	430.5	
5	210		10 1/2	441	
5 1/4	220.5		10 3/4	451.5	
5 1/2	231		11	462	



GRAPHIC CORPORATION  
BUFFALO, NEW YORK

B O - 5000-8

Remigail mont 65  
Shaw

2-27-82  
1-27-87

2:00 AM

Test at D.V. Tool

PRINTED  
IN  
U.S.A.

Casing Test To float collar

COMPANY

LEASE & WELL #

RIG

DATE

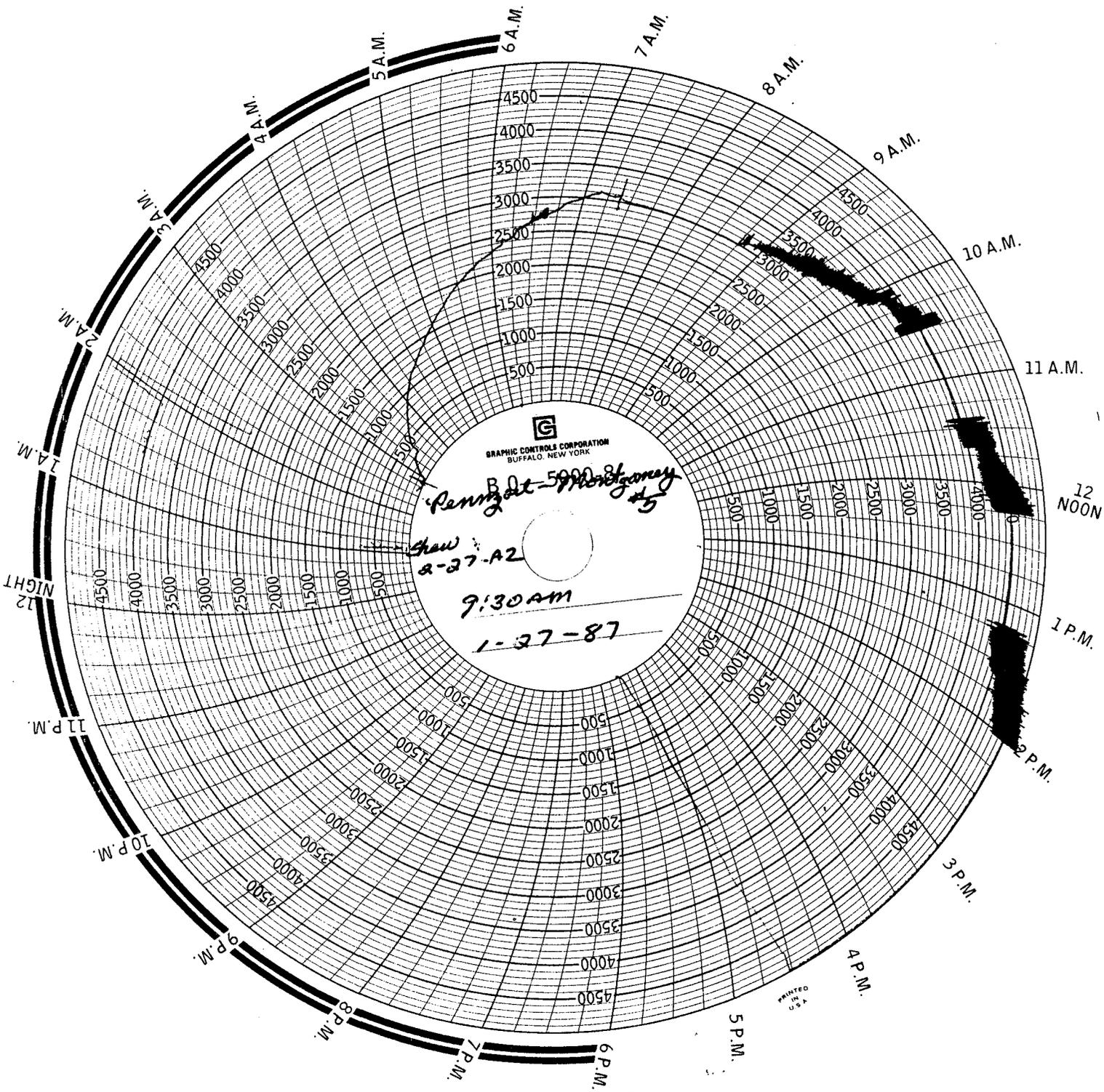
Pennacoil

Show 2-27-92

Montgomery #5

1-27-87

BLS.	GALS.	P.S.I.	BBLS.	GALS.	P.S.I.
ARTING P.S.I. →					
1/4	10.5	200	5 3/4	241.5	3850
1/2	21	250	6	252	3990
3/4	31.5	500	6 1/4	262.5	4150 <small>stop + hold 5 min</small>
1	42	675	6 1/2	273	4300
1 1/4	52.5	875	6 3/4	283.5	4490
1 1/2	63	1075	7	294	4650 <small>stop + hold</small>
1 3/4	73.5	1250	7 1/4	304.5	4800
2	84	1470	7 1/2	315	4950
2 1/4	94.5	1650	7 5/8	320.5	5000 PSI @ float collar
2 1/2	105	1800	8	336	
2 3/4	115.5	1950	8 1/4	346.5	
3	126	2100	8 1/2	357	
3 1/4	136.5	2250	8 3/4	367.5	
3 1/2	147	2400	9	378	
3 3/4	157.5	2550	9 1/4	388.5	
4	168	2750	9 1/2	399	
4 1/4	178.5	2900	9 3/4	409.5	
4 1/2	189	3000 <small>stop - hold 5 min</small>	10	420	
4 3/4	199.5	3150	10 1/4	430.5	
5	210	3300	10 1/2	441	
5 1/4	220.5	3500	10 3/4	451.5	
5 1/2	231	3650	11	462	



  
 GRAPHIC CONTROLS CORPORATION  
 BUFFALO, NEW YORK

*Boat - Montgomery*  
*5*

*Draw:*  
*2-27-A2*

*9:30 AM*

*1-27-87*

PRINTED  
 IN U.S.A.

P.I.T Test - 15' foot of Agitation under shoe  
 mud wt. 10.6 End-14.7 mud wt

COMPANY

LEASE & WELL #

RIG

DATE

Pennycail

Shaw 2-27 -A2

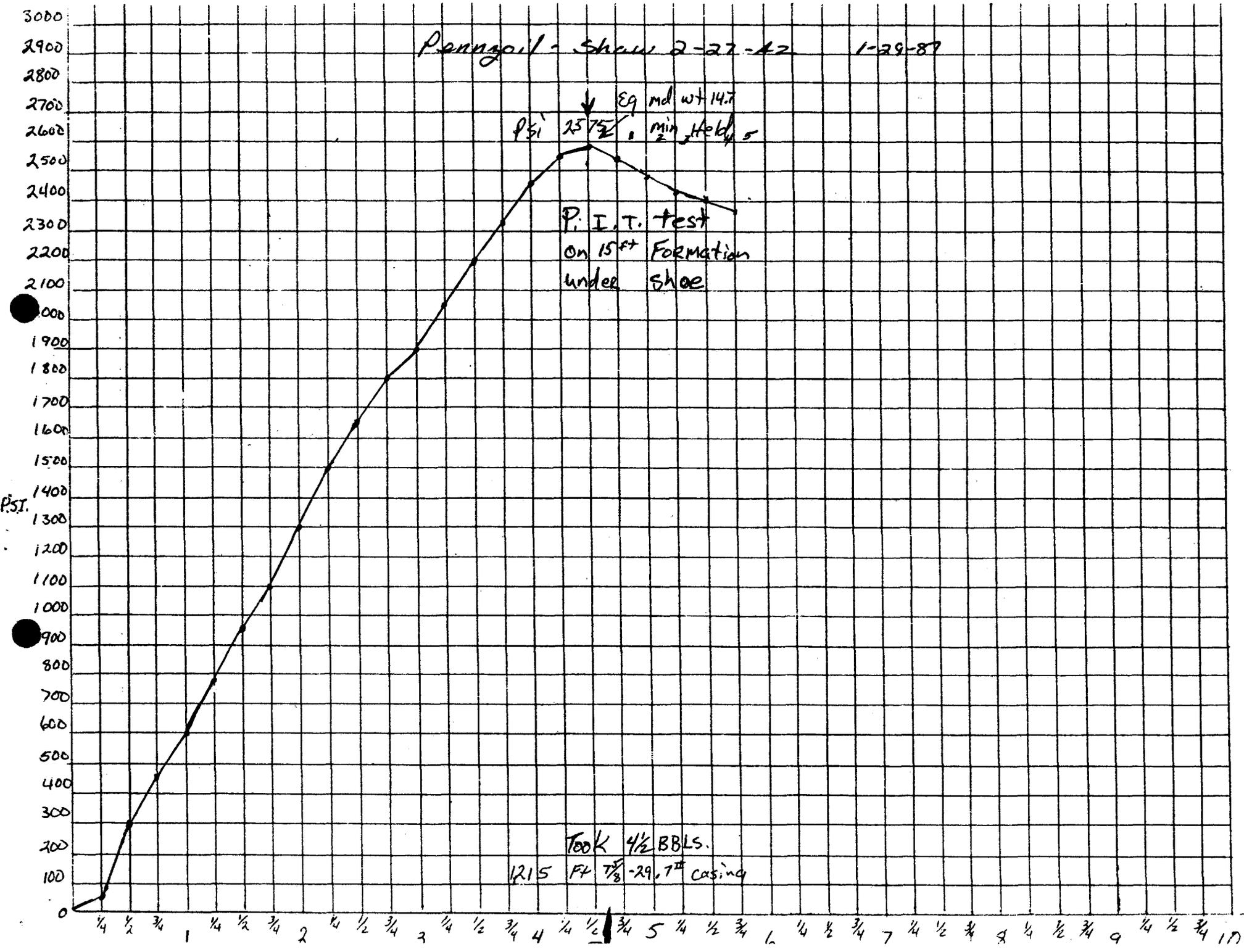
Montgomery #5

1-29-87

BBLS.	GALS.	P.S.I.	BBLS.	GALS.	P.S.I.
STARTING P.S.I. →					
1/4	10.5	50	5 3/4	241.5	
1/2	21	300	6	252	
3/4	31.5	450	6 1/4	262.5	
1	42	600	6 1/2	273	
1 1/4	52.5	775	6 3/4	283.5	
1 1/2	63	950	7	294	
1 3/4	73.5	1100	7 1/4	304.5	
2	84	1300	7 1/2	315	
2 1/4	94.5	1500	7 3/4	325.5	
2 1/2	105	1650	8	336	
2 3/4	115.5	1800	8 1/4	346.5	
3	126	1900	8 1/2	357	
3 1/4	136.5	2050	8 3/4	367.5	
3 1/2	147	2200	9	378	
3 3/4	157.5	2325	9 1/4	388.5	
4	168	2450	9 1/2	399	
4 1/4	178.5	2550	9 3/4	409.5	
4 1/2	189	mud wt. Eq 14.7 2575 psi	10	420	
4 3/4	199.5	Leak off 150 psi over 5 min	10 1/4	430.5	
5	210		10 1/2	441	
5 1/4	220.5		10 3/4	451.5	
5 1/2	231		11	462	

Panngoil - Show 2-27-42

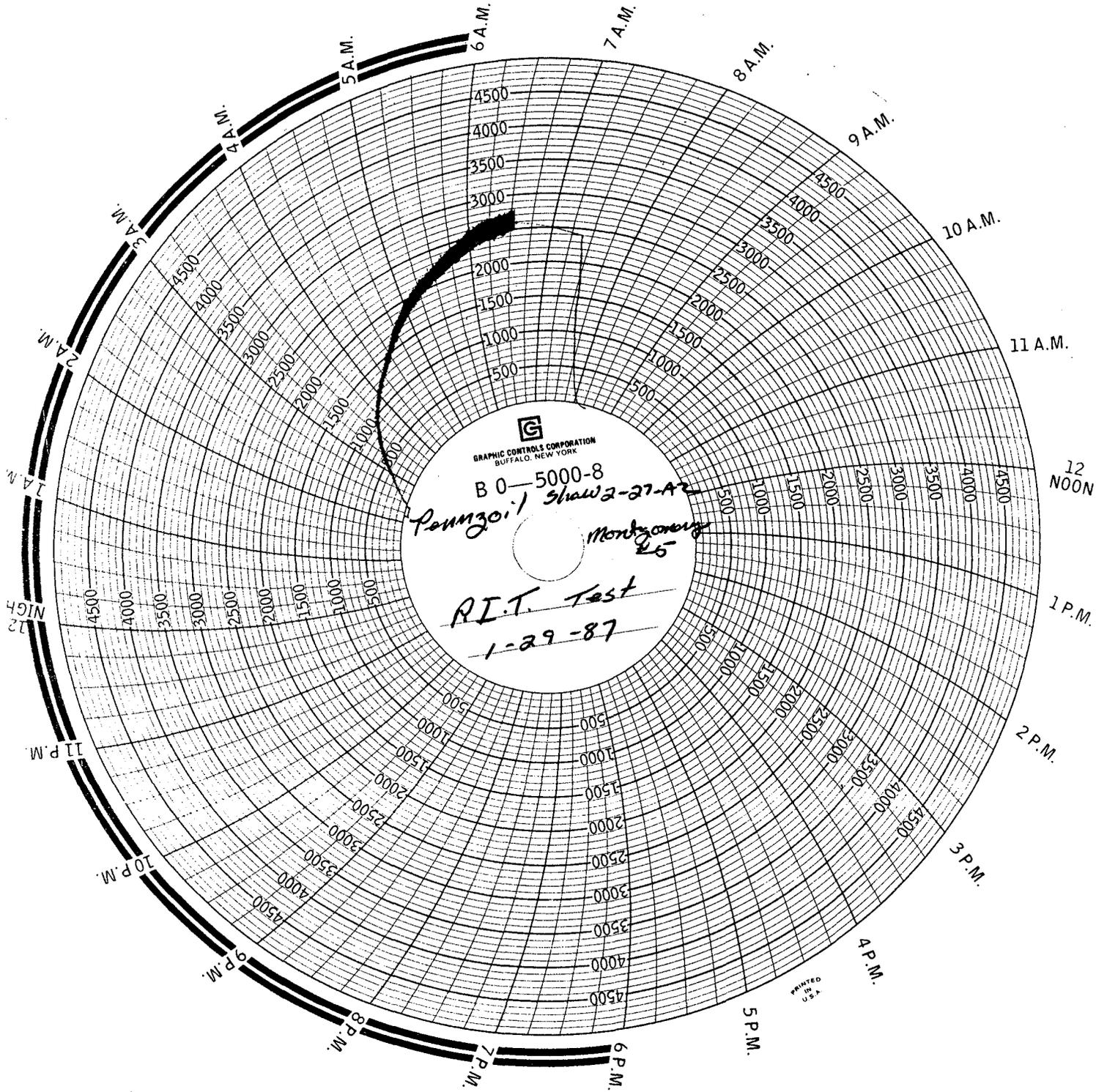
1-29-87



psi 2575, Eq md wt 14.7, min held 5

P. I. T. test  
on 15 ft Formation  
under shoe

Took 4 1/2 BBLs.  
1215 FT 7 3/8 - 29.7" casing



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

B O - 5000-8

Pennington Shaw 2-27-A2

Montgomery 25

R.I.T. Test

1-29-87

PRINTED  
IN  
U.S.A.

# DOUBLE "D" ENTERPRISES

B.O.P. Test Report

RECEIVED  
MAR 05 1987

DIVISION OF  
OIL, GAS & MINING

B.O.P. TEST PERFORMED ON (DATE) 2-11-87

OIL CO.: Pennzoil

WELL NAME & NUMBER Shaw 2-27-A2

SECTION 27

TOWNSHIP 15

RANGE 2W

COUNTY Duchesne

DRILLING CONTRACTOR Montgomery Drilling

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**  
213 Pine Street - Box 560  
Shoshoni, Wyoming 82649  
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**  
608 N. Vernal Ave.  
Vernal, UT 84078  
Phone: (801) 781-0448 or (801) 781-0449

OIL CO. SITE REPRESENTATIVE Paul Deaton

RIG TOOL PUSHER Tom

TESTED OUT OF Vernal

NOTIFIED PRIOR TO TEST: .....

COPIES OF THIS TEST REPORT SENT COPIES TO: Airmail  
Montgomery  
State

ORIGINAL CHART & TEST REPORT ON FILE AT: Vernal OFFICE

# DOUBLE "D" ENTERPRISES, INC.

P.O. Box 560  
Shoshoni, Wyoming 82649  
307-876-2308

DELIVERY TICKET

No 4239

2-11-87

Operator Pennycail Contractor Montgomery Dily Rig No. #5  
 Ordered By Paul Deaton Lease Shaw Well No. 2-27-A2  
Duchesne, Utah Section 27 Township 15 Range 2W

**Items Tested:**

	Low Test	Time Held	High Test	Time Held	Comments
Top Pipe Rams			5000	15 min	OK
Bottom Pipe Rams			5000	15 "	"
Blind Rams			5000	15 "	"
Annular B.O.P.			2500	15 "	"
Choke Manifold			5000	15 "	"
Choke Line			5000	15 "	"
Kill Line			5000	15 "	"
Super Choke			5000	15 "	"
Upper Kelly			5000	15 "	"
Lower Kelly			5000	15 "	"
Floor Valve			5000	15 "	"
Dart Valve			5000	15 "	"
<u>Manual Chokes</u>			5000	15 "	"

Closing Unit Psi 2900 Closing Time of Rams 5 sec Closing Time of Hydril 145 sec

Closed Casing Head Valve yes Set Wear Sleeve yes

Comments Wear sleeve 4-J x 3 1/2 IF Retriever on loc.

**Rates:**

Minimum Charge 8 Hr Bop. Test @  
 Additional Charge \_\_\_\_\_  
 Mileage 35 miles @ \$2.00 per mile  
 Test Plug 11" - WKM x 4 1/2 x H  
 Top Sub 3 1/2 IF  
 Kelly Sub 3 1/2 IF  
 Crossover Subs 3 1/2 IF x 4 1/2 x H  
 Methanol Charge 50 gal @ \$2.00 per gal  
 Other SWCO unit 5000 @ 5000 OK

Tested By Don Morris Sub Total \_\_\_\_\_  
 Signature of Company Rep. Paul A. Deaton Total \_\_\_\_\_

Company  
Pennmail

Lease <sup>nd</sup> Well Name # Date of test Rig #  
Shaw 2-27-A2 2-11-87 Mont #5

test #

Time

arrive at rig at 2:30 AM 2-11  
unload subs + plug - fill with water +  
rig up on choke manifold

①

3:30 - 3:45<sup>AM-2-11</sup>

1st set choke manifold valves + HCR  
5000 - OK

②

3:50 - 4:10

2nd set manifold valves + HCR  
5000 - OK

③

swaco choke + manual choke - (swaco pressure of 5000)  
5000 - OK

④

4:40 - 4:55

3rd set of manifold valve + HCR  
5000 - OK

Washout Bop + pull wear sleeve

R.V. Kelly + Tut 3/4 D.P. with Tuv + plug

⑤

5:25 - 5:40

Lower pipe rams + {Tuv floor valve}  
5000 - OK

⑥

5:45 - 6:00

Upper pipe rams 3/4 + 1st Kill + 1st choke valves +  
Lower Kelly.  
5000 - OK

⑦

6:05 - 6:20

Upper pipe rams - 2nd Kill - HCR + upper Kelly  
5000 - OK

⑧

6:25 - 6:40

Hydraulic B.O.P. + up right for Press gauge  
on choke manifold -  
2500 - OK

⑨

6:50 - 7:05

Blind <sup>Top</sup> rams - 3rd Kill + check valve + choke line +  
1st set { Replace nipple for swaco sensor  
in choke line - in CUB  
5000 - OK

⑩

7:20 - 7:35

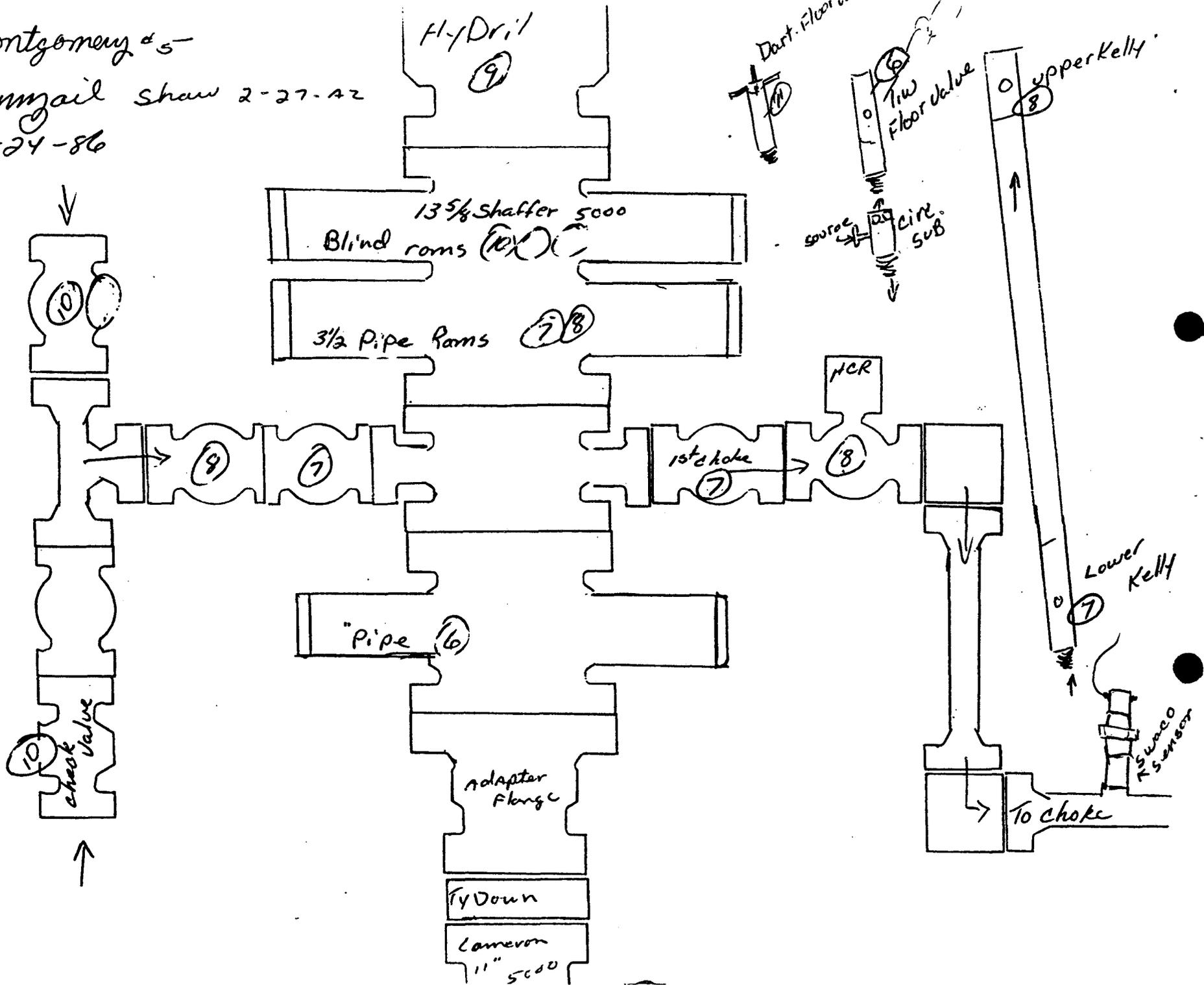
Dart - floor valve - Test on floor  
5000 - OK

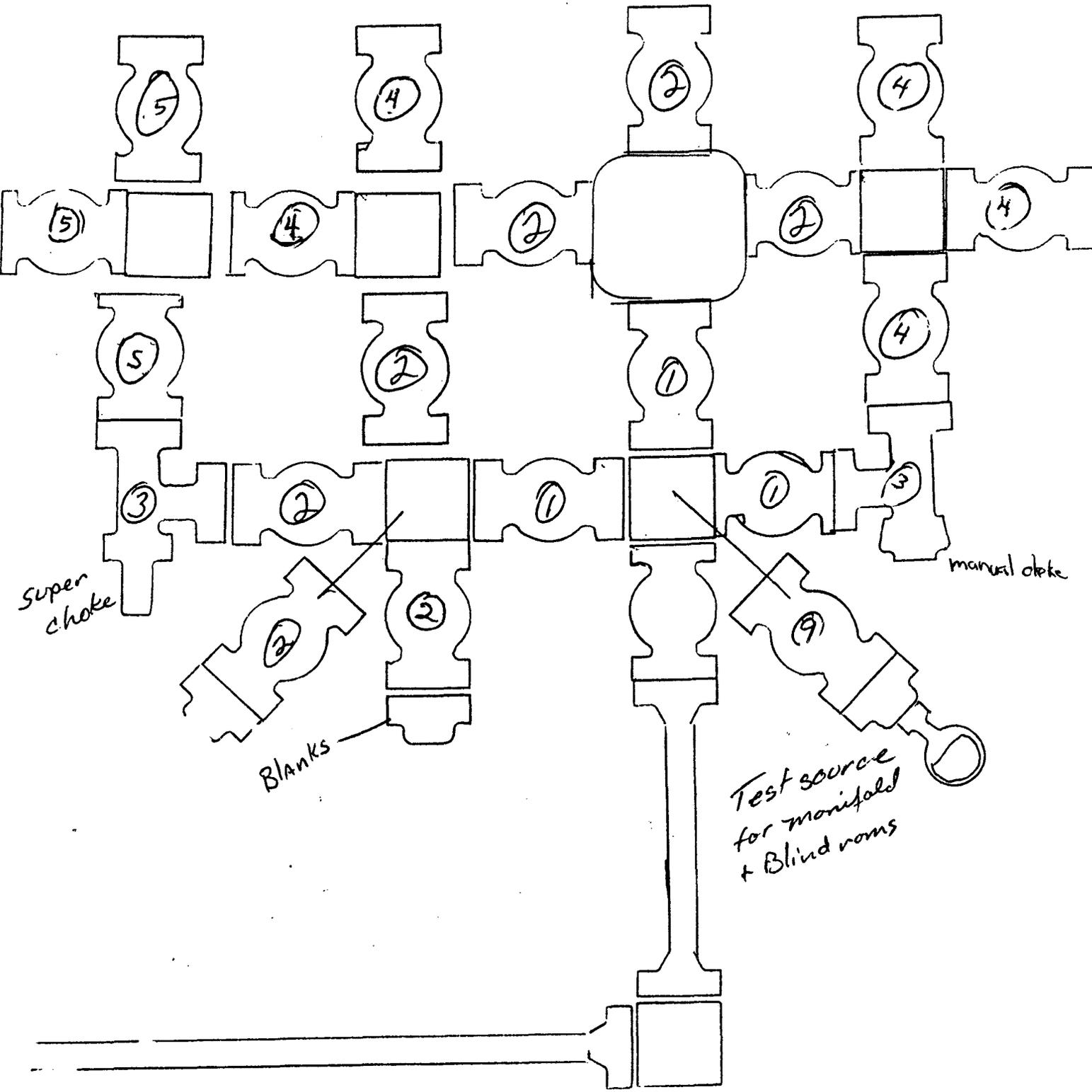
set wear sleeve + change manifold  
+ choke line with pure methanol  
Thanks Joe

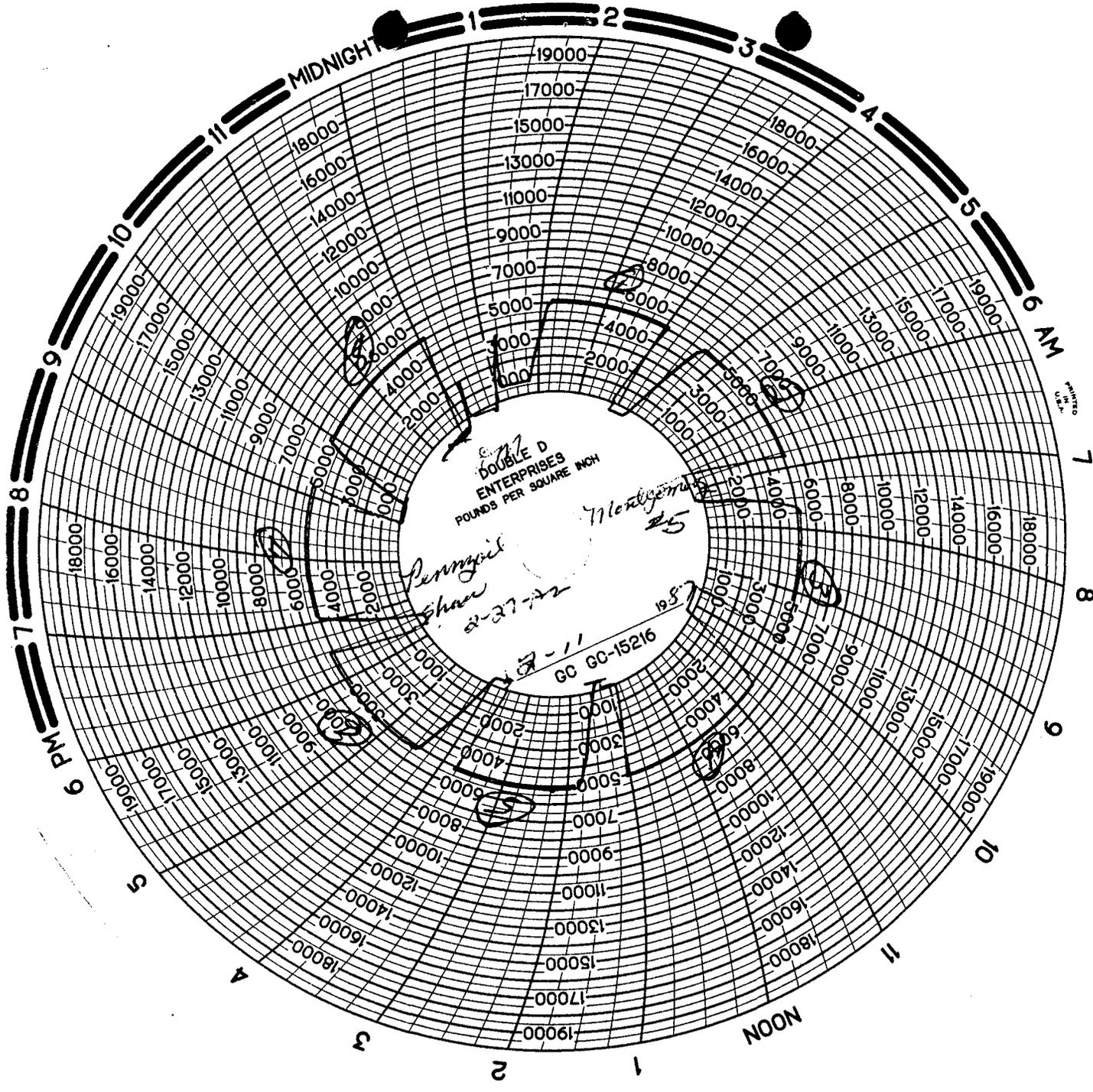
Montgomery #5-

Pennmail show 2-27-42

12-24-86







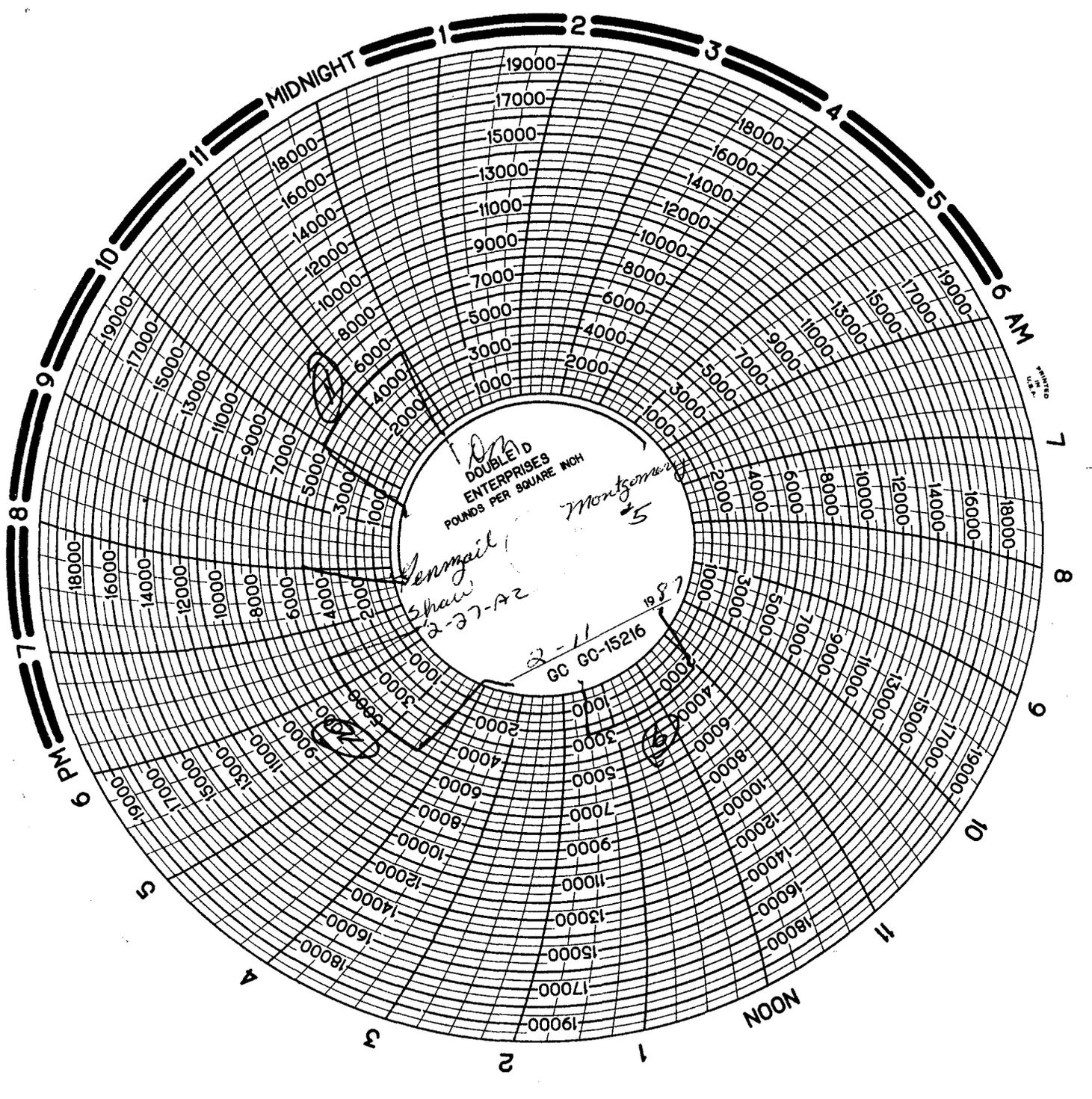
DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

*Permpil*  
*shar*  
*2-27-72*

*GC GC-15216*

*Montgomery*  
*25*

PRINTED  
U.S.A.



DOUBLE D  
ENTERPRISES  
POUNDS PER SQUARE INCH

Montgomery  
#5

enmail  
shau  
2-27-AZ

2-11 1987  
GC GC-15216

 **PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

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

March 9, 1987

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

Re: Operations Report For February 1987  
Shaw No. 2-27A2  
SESW Section 27, T1S, R2W  
Duchesne County, Utah

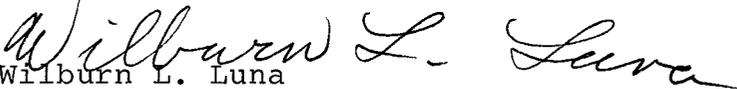
Gentlemen:

Enclosed please find the original and three (3) Copies of your form OGC-1b "SUNDRY NOTICES & REPORTS ON WELLS" for captioned operations.

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

Sincerely,

Pennzoil Company

  
Wilburn L. Luna

Enclosure

**RECEIVED**  
MAR 12 1987

DIVISION OF  
OIL, GAS & MINING

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

SUBMIT TRIPLICATE  
(Other instructions on  
reverse side)

031702

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"/>		5. LEASE DESIGNATION AND SERIAL NO. FREE LAND	
2. NAME OF OPERATOR Pennzoil 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 any State requirements.* See also space 17 below.) At surface  1161' FSL & 2217' FWL		8. FARM OR LEASE NAME Shaw	
14. PERMIT NO. API 43-013-31184		9. WELL NO. 2-27A2	
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 5639' GR		10. FIELD AND POOL, OR WILDCAT BlueBell-Wasatch	
		11. SEC., T. R., M., OR BLE. AND SURVEY OR ABRA SESW Sec. 27, T1S, R2W	
		12. COUNTY OR PARISH Duchesne	13. STATE UT

RECEIVED  
MAR 12 1987

DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/> Monthly Operations	(Other) <input checked="" type="checkbox"/> XXX

(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.)\*

Pennzoil Company continued drilling a 6 3/4" wellbore to a total depth of 15,072' with 13.4#, 45 vis, 7.5 WL drilling fluid.

Ran logs: DIL-GR, FDC-CNL & BHC-Sonic.

The wellbore was deepened to 15,090' for the 5 1/2" production liner.

Ran a 5 1/2" 20\23# P-110\N-80 liner from 15,085' to 11,740'.

Cemented liner w/500 sks., of CL. "H" cement with additives.

Cleaned out 7 5/8" CSG to liner top, 11,740', and 5 1/2" liner to 15,044'.

Ran CBL-GR-CL from 14,992' to surface.

Displaced drilling mud with 10.0# Brine water and ran 1510' of 2 7/8", 6.5#, N-80, EUE tbg.

Installed tbg spool and x-mas tree.

Released drilling rig on 3-9-87 @ 12:00 AM, noon. RDRT & move off location.

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

SIGNED Wilburn L. Luna TITLE Office 801-353-4397  
Drilling Superintendent DATE 2-27-87

(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

SUBMIT IN DUPLICATE  
(See other instructions  
on reverse side)

56 64 0/4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

RECEIVED  
JUN 26 1987

062911

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 and Production Company

3. ADDRESS OF OPERATOR: P.O. Box 2967 Houston, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface: 1161 FSL & 2217 FWL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Shaw

9. WELL NO.: 2-27A2

10. FIELD AND POOL, OR WILDCAT: Bluebell

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA: Section 27 T1S R2W

12. COUNTY OR PARISH: Duchesne

13. STATE: UT

14. PERMIT NO.: 43-013-31184

DATE ISSUED: 11/24/86

15. DATE SPUDDED: 12/9/86

16. DATE T.D. REACHED: 2/28/87

17. DATE COMPL. (Ready to prod.): 4/11/87

18. ELEVATIONS (DF, RSB, ST, GR, ETC.): 5667 (KB)

19. ELEV. CASINGHEAD: 5639

20. TOTAL DEPTH, MD & TVD: 15,090

21. PLUG. BACK T.D., MD & TVD: 14,485

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY: →

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*: Wasatch 13,228-14,470

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN: special density DSN II, compensated long spaced acoustic, dual induction

27. WAS WELL CORDED: no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"		100'			
10-3/4"	45.5	482	14-3/4"	1600 sx	
7-5/8"	29.7	12006	9-7/8"	925 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2	11741	15083	500	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8		13190

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: 4/9/87

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): flowing

WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/11/87	29		→	836	2300	29	2751

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
600 psi		→	692	1903	24	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS: drilling and completion report- logs

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

SIGNED: *Ralph A. Walker* TITLE: Supervising Engineer DATE: 6/5/87

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

# INSTRUCTIONS

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

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

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 21 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River	6234		
Mahogany Bench	8268		
Tgr3 marker	9650		
Top Wasatch	10620		
Green River Transition			
Top Red Beds	11010		
Base Red Beds	12000		

NAME	MEAS. DEPTH	TRUE VERT. DEPTH

- 4-10-87: 13 hr. SITP - 3800 psi. SICP - 100 psi. RU Howco and pressured csg to 2500 psi. Installed tree saver and acidized perfs 13,228 - 14,470' down 2 7/8" tbg with 20,000 gals 7 1/2% HCL plus 22,000 gals 15% HCL acid. Flushed with 2% KCL water. Dropped 1100 ball sealers (1.1 sg), had fair diversion. All acid contained 5 gal/1000 lo surf 300 surfactant, 10 gal/1000 ferchek 'R' iron control agent, .75 gal/1000 SGA-HT gelling agent, 6 gal/1000 HAI-75 corrosion inhibitor, .5 gal/1000 CLA-STA B Clay stabilizer and 5 gal/1000 LP-55 scale inhibitor. Min rate-10 BPM @ 9900 psi. Max rate - 15.6 BPM @ 9980 psi. Avg rate - 12.5 BPM @ 9800 psi. ISDP - 6250 psi. 15 min - 6180 psi. RD Howco and removed tree saver. Flowed well to frac tank from 11:00 AM 4-10-87 to 4:00 AM 4-11-87 (17 hours) on 1" choke. Made approx 450 BO & 530 BLW with strong blow of gas (last samples showed 90-95% oil cut). Avg. FTP - 300 psi. Had to shut well in at 4:00 AM due to tank space limitations. In 3 hours, shut in pressure built to 4700 psi. Prep to turn well to tank battery, total load - 1035 BLW. Total rec. - 530 BLW. To be recovered - 505 BLW. ECTD \$1,916,934.00
- 4-11-87: Flowed well to tank battery from 12:30 PM 4-11-87 to 5:30 PM 4-12-87. Made 836 BO & 2300 MCFG & 29 BW in 29 hours on 28/64" choke with FTP 600 psi. Shut well in due to tank space limitations. Will sell oil soon and resume testing. RD pulling unit. ECTD \$1,920,779.00
- 4-12-87: Same as 4-11-87.
- 4-13-87: Well shut in pending gas line connection. ECTD \$1,920,804.00
- 4-14-87: Well shut in pending gas line connection. ECTD \$1,920,829.00
- 4-15-87: Well shut in pending gas line connection. ECTD \$1,920,854.00
- 4-16/18-87: Well shut in pending gas line connection.
- 4-20-87: Made 287 BO and 15 BW on 14/64" chk w/1800# flowing tubing pressure in 18 hours. ECTD \$1,920,854.00

4-7-87: Set Guiberson magnum GT packer at 13,190'. RD OWP and bled pressure off csg. in 2 hours. PU seal assembly (2.375" ID) and 2.25" seating nipple and started in hole with 2 7/8" tbg. Will hydrotest all tbg to 9000 psi. SWIFN. A complete description of the packer follows:

5 1/2" Magnum GT packer	3.09'	4.437"	3.000"
Mill out extension	4.65'	4.000"	3.250"
X-over (4" x 2 7/8")	.70'	4.430"	2.468"
2 7/8", 6.5#, N-80 Sub	7.60'	2.875"	2.441"
2.188 Otis 'R' Nipple	1.27'	3.250"	2.188"
2 7/8", 6.5#, N-80 Sub	8.05'	2.875"	2.441"
2.188 Otis 'R' Nipple	1.29'	3.250"	2.188"
2 7/8", 6.5#, N-80 Sub	4.09'	2.875"	2.441"
2 7/8" expendible check	.75'	3.687"	2.500"

Top of packer at 13,190', bottom of tailpipe at 13,221'. ECTD \$1,876,634.00

4-8-87: 13 hr. SICP - 150 psi (trapped gas). Bled off gas and finished GIH with 2 7/8" tbg. Hydrotested all tbg to 9000 psi. Latched into packer at 13,190', spaced out and landed tbg with 24,000# compression. Removed BOP and installed tree. Tested pack-off to 5000 psi and csg to 3000 psi. Both held ok. Dropped 1 3/4" ball down tbg and waited 1 hour for ball to reach btm. Pressured tbg to 5000 psi to shear out expendible check. Bled off pressure in 10 min. and swabbed well for 1 1/2 hrs. Rec 30 BLW, no oil. Final fluid level 3400' (pulling from 4400'). Approx. 200' of fluid entry per run. SWIFN. A complete tbg detail follows:

KB Correction	28.00
Split hanger	.70
1 JT, 2 7/8", 6.5#, N-80, 8rd tbg	31.51
1-2 7/8" Sub	10.11
1-2 7/8" Sub	6.09
419 Jts 2 7/8", 6.5#, N-80, 8 rd tbg	13,118.75
2.25" Seating Nipple	1.10
	<u>13,196.26</u>

ECTD \$1,878,994.00

4-9-87: 14 hr. SITP - 2700 psi. SICP - 100 psi. Bled well down to tank in 1 hour, rec 4 BO & 40 BLW with good blow of gas, WIH with swab, hit fluid level at 6500'. Swabbed 8 1/2 hours, rec 16 BO & 100 BLW with good show of gas. Final fluid level - 10,000' (pulling from 11,000'). Had approximately 1000' of fluid entry per hour at end of day (50% oil cut). SWIFN. Prepare to acidize. ECTD \$1,880,544.00

4-6-87: 63 hour SICP - No. RU OWP and installed high pressure lubricator. Tested lubricator, BOP and csg to 3500 psi. Held ok. Perforated stage II of wasatch with 4" HSC guns (1 SPF, 120 degrees phasing) as follows:

13,228-234	( 6', 7 holes)
13,246-252	( 6', 7 holes)
13,258-264	( 6', 7 holes)
13,292-302	(10', 11 holes)
13,316-340	(24', 25 holes)
13,360-364	( 4', 5 holes)
13,376-402	(26', 27 holes)
13,412-416	( 4', 5 holes)
13,446-456	(10', 11 holes)
13,466-472	( 6', 7 holes)
13,486-496	(10', 11 holes)
13,502-514	(12', 13 holes)
13,540-554	(14', 15 holes)
13,582-594	(12', 13 holes)
13,600-606	( 6', 7 holes)
13,626-636	(10', 11 holes)
13,644-660	(16', 17 holes)
13,668-678	(10', 11 holes)
13,696-702	( 6', 7 holes)
13,710-718	( 8', 9 holes)
13,724-730	( 6', 7 holes)
13,736-746	(10', 11 holes)
13,813-826	(13', 14 holes)
13,846-864	(18', 19 holes)
13,884-888	( 4', 5 holes)
13,898-914	(16', 17 holes)
13,960-972	(12', 13 holes)
13,988-996	( 8', 9 holes)
14,010-034	(24', 25 holes)
14,044-048	( 4', 5 holes)
14,051-056	( 5', 6 holes)
14,064-068	( 4', 5 holes)
14,073-078	( 5', 6 holes)
14,091-114	(23', 24 holes)
14,124-136	(12', 13 holes)
14,142-158	(16', 17 holes)
14,176-184	( 8', 9 holes)
14,194-202	( 8', 9 holes)
14,212-218	( 6', 7 holes)
14,240-264	(24', 25 holes)
14,288-300	(12', 13 holes)
14,306-316	(10', 11 holes)
14,336-344	( 8', 9 holes)
14,352-358	( 6', 7 holes)
14,364-376	(12', 13 holes)
14,392-398	( 6', 7 holes)
14,406-412	( 6', 7 holes)
14,416-422	( 6', 7 holes)
14,460-470	(10', 11 holes)

--- ---  
TOTAL: 508',557 holes

All depths from Welex dual induction guard log run 2-25-87. Had 2,300 psi on casing after perforating. Now running packer on wireline.

DW-Duchesne-PZL-Shaw #2-A2  
PZL PC 50% - PPI PC 50% - PD 14,500'  
Section 27 - T1S - R2W - Montgomery Rig #5  
Total AFE Cost \$1,069,909.00

- 4-1-87: 13 hour SITP - 150 psi. Bled off gas and WIH with swab, fluid level at surface (filled tbg previous day to float balls out). Swabbed 10 hours, rec 51 BLW, No oil. Final fluid level 10,800' (pulling from 11,000'). Approx. 200' of fluid entry per hour at end of day. Total load - 800 bbls. Total rec. - 221 bbls. To be rec. 579 bbls. SWIFN. ECTD \$1,843,319.00
- 4-2-87: 13 hour SITP - 100 psi. SICP - ZERO, Bled off gas and WIH with swab, hit fluid level at 9700'. Swabbed 7 hours, rec 10 BLW, No oil. Final fluid level 10,800' (pulling from 11,000'). Approx. 200' of fluid entry per hour at end of day. Filled tbg. with 60 bbls 10# brine, removed tree and installed BOP. Stung out of pkr at 14,510' and reversed out tbg with 10# brine to remove spent acid water. POOH with 52 jts of 2 7/8" tbg and SWIFN. ECTD \$1,845,409.00
- 4-3-87: 13 hour SITP & SICP - ZERO, Finish POOH with 2 7/8" tbg and seal assembly. RU NL McCullough and installed high pressure lubricator. Set 5 1/2" Baker CIBP at 14,505' (Just above pkr). Dumped 20' of cmt on top of CIBP and RD NL McCullough. Installed second set of blind rams and tested both sets to 3500 psi. Held OK. SWIFN. ECTD \$1,850,154.00
- 4-4-87: Shut down for Saturday. ECTD \$1,850,339.00
- 4-5-87: Shut down for Sunday. ECTD \$1,850,524.00

DW-Duchesne-PZL-Shaw #2-27A2  
PZL PC 50% - PPI PC 50% PD 14,500'  
Section 27 - T1S - R2W - Montgomery Rig #5  
Total AFE Cost \$1,069,909.00

3-26-87: PU seal assembly and WIH with 462 jts. of 2 7/8", 6.5#, N-80, EUE tubing. Hydrotested all tubing to 9000 psi above slips. Spaced out and SWIFN. ECTD \$1,809,130.00.

3-27-87: Circulated well for 2 hours to remove trapped oil and gas. Stung into packer at 14,510' and landed tbg. with 24,000 # comp. Removed BOP and installed tree. Tested pack-off to 5000 psi and csg to 3000 psi. Both held OK. Dropped 1 3/4" ball down tbg and waited 1 hour for same to fall to bottom. Pressured tbg to 5000 psi to shear expendable check at 14,541'. Swabbed fluid level down to 10,500' in 4 1/2 hours, no shows, no entry. SWIFN. A complete tbg detail follows: ECTD \$1,811,040.00.

KB	28.00
Hanger	.70
1 jt. 2 7/8", 6.5#, N-80, 8 RD tbg.	31.29
1-2 7/8" Sub	10.06
1-2 7/8" Sub	4.10
461 jts 2 7/8", 6.5#, N-80, 8 RD tbg	14,438.76
2.25" Seating Nipple	1.10
Guiberson latch type seal assembly (2.375" ID)	3.69
	14,517.70'

3-28-87: 13 hour SITP - 50 psi. Bled off gas and WIH with swab. Hit fluid level at 10,000'. Swabbed 8 hours, rec. 10 BLW w/trace of oil. Final fluid level - 10,600' (pulling from 11,000'). Approx. 400' of fluid entry every 2 hours at end of day. SWIFN. ECTD \$1,812,415.00.

3-29-87: Shut down for Sunday. ECTD \$1,812,490.00

3-30-87: 40 hour SITP -50 psi. SICP - zero. RU Dowell and pressured csg to 2500 psi. Installed tree saver and treated perfs 14,550-15,039' down 2 7/8" tbg with 15,000 gals 15% HCL plus 15,000 gals 7 1/2% HCL acid. Dropped 1450 ball sealers (1.1 SG). Had excellent ball action. Displaced with 2% KCL water. All acid contained 4 gal/1000 A-250 corrosion inhibitor, 1 gal/1000 L-55 clay stabilizer, 1 gal/1000 M-38 surfactant, 10 gal/1000 L-58 iron control agent, 2 gal/1000 L-49 scale inhibitor, 10#/1000 J-360 gelling agent and 1 gal/1000 J-321 friction reducer. Max inj. rate - 9.5 BPM @ 9100 psi. Avg. inj. rate - 6 BPM @ 9600 psi. Min inj. rate - 2 BPM @ 10,000 psi. Flowed well back thru tree saver for 2 1/2 hours before well died - rec 130 BLW, removed tree saver and swabbed 4 hours, rec 40 BLW with no shows, final fluid level - 7500'. Could not get past 7500' due to ball sealers. WIH with sinker bars, could not spud past 7500'. SWIFN. Total load - 800 bbls, total rec. - 170 bbls, to be rec. - 630 bbls. ECTD \$1,840,700.00

3-31-87: 13 hour SITP - 100 psi. Bled off gas and WIH with swab, hit fluid level at 3600'. Could not get below 3600' due to ball sealers. Filled tbg with 10 PPG brine and allowed balls to float to surface. Recovered approximately 600 balls during day (WIH with sinker bars several times during day to "stir up" balls). SWIFN. ECTD \$1,841,970.00

DW-Duchesne-PZL-Shaw #2-27A2  
 PZL PC 50% - PPI PC 50% PD 14,500'  
 Section 27 - T1S - R2W - Montgomery Rig #5  
 Total AFE Cost \$1,069,909.00

3-24-87: RU OWP and installed high pressure lubricator. Tested lubricator, BOP and csg to 3800 psi. Held OK. Perforated the lower wasatch in 12 runs as follows:

14,550-58	(9', 19 holes)	
14,561-76	(16', 33 holes)	4" HSC Guns
14,602-24	(23', 47 holes)	2 SPF, 120 degrees phasing
14,634-90	(57', 115 holes)	
14,695-702	(8', 17 holes)	All depths from Welex
14,708-15	(8', 17 holes)	Dual Induction guard log
14,726-72	(47', 95 holes)	Run 2-25-87
14,776-800	(25', 51 holes)	
14,804-19	(16', 33 holes)	No surface pressure
14,838-64	(27', 55 holes)	during perforating.
14,882-92	(11', 23 holes)	
14,902-16	(15', 31 holes)	
14,932-73	(42', 85 holes)	
14,978-87	(10', 21 holes)	
14,993-96	(4', 9 holes)	
15,000-06	(7', 15 holes)	
15,010-26	(17', 35 holes)	
15,032-39	(8', 17 holes)	
	350', 718 holes	

WIH with 5 1/2" Guiberson magnum 'GT' packer (with tailpipe) on wireline. Set packer at 14,510' and RD OWP. SWIFN. A complete description of the packer follows:

	<u>Length</u>	<u>OD</u>	<u>ID</u>
5 1/2" Magnum GT packer	3.09'	4.437"	3.000"
Mill-out extension	4.64'	4.00"	3.250"
X-over (4" x 2 7/8")	.72'	4.435"	2.440"
2 7/8", 6.5#, N-80, Sub	7.50'	2.875"	2.441"
2.188" Otis 'R' Nipple	1.28'	3.406"	2.188"
2 7/8", 6.5#, N-80 Sub	7.93'	2.875"	2.441"
2.188" Otis 'R' Nipple	1.28'	3.406"	2.188"
2 7/8", 6.5#, N-80 Sub	4.22'	2.875"	2.441"
2 7/8" Expendable check	.75'	3.625"	2.500"
	31.41'		

Top of packer at 14,510', BTM of tailpipe at 14,541'. ECTD \$1,804,575.00.

3-25-87: 7 Hr. SICP-ZERO. Removed top set of blind rams and installed pipe rams. WIH with 24 stands of tubing from derrick and PU 60 jnts. off rack. Swabbed fluid level down at this point to facilitate hydrotesting. POOH with 51 stands. PU 180 jnts off rack and pulled same back in derrick. SWIFN. Prepare to GIH hydrotesting. ECTD \$1,805,870.00.

DW-Duchesne-PZL-Shaw #2-27A2  
PZL PC 50% - PPI PC 50% - PD 14,500'  
Section 27 - T1S - R2W - Montgomery Rig #5  
Total AFE Cost \$1,069,909.00

3-14-87: TD 15,090' (PBTD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 96, ECTD \$1,670,000.00.

3-15-87: TD 15,090' (PBTD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 97, ECTD \$1,670,000.00.

3-16-87: TD 15,090' (PBTD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 98, ECTD \$1,670,000.00.

3-17-87: TD 15,090' (PBTD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 99, ECTD \$1,670,000.00.

3-18-87: TD 15,090' (PBTD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 100, ECTD \$1,670,000.00.

3-19-87: TD 15,090' (PBTD 15,044') RU Schlumberger and installed high pressure lubricator. Ran CBL from 15,040 (PBTD) to surface with 3700 psi applied to csg (10 ppg brine in hole). RD Schlumberger and installed second set of blind rams. Unloaded 447 jts. 2 7/8", 6.5#, N-80, 8 RD tbg and SWIFN. ECTD \$1,783,320.00.

3-22-87: Well shut in. Waiting on evaluation of CBL. ECTD \$1,783,875.00.

3-23-87: Well shut in. Prepare to perforate. ECTD \$1,783,875.00.

DW-DUCHESNE-PZL-SHAW #207A2  
PZL PC 50% - PPI PC 50% PD 14,500'  
LOCATION: SECTION 27 - T1S - R2W - MONTGOMERY RIG #5  
TOTAL AFE COST \$1,069,000.00.

- 3-4-87: TD 15090' (PBSD 15043' - Landing Collar) on TIH w/RTTS to test liner top. (Finish TIH w/4 1/2" mill - drill cmt stringers from 14,990' to 15,043' - Circ. out - POH - RU - Schlumber - ran CBL from 14,992' to surface - PU RTTS & start TIH). 86 days ECTD \$1,488,010.00
- 3-5-87: TD 15090' (PBSD 15043' - Landing Collar) Displacing 13.4# mud w/treated 10.0# brine. (Finish TIH w/RTTS - & set sand @ 11,669' - Pressured liner top w/2000 psi - 30 min. - no press. loss - Displaced DP w/water for a 2600 psi differential flow back test - 3 hrs. - no flow back - POH w/RTTS - P/U 4 1/2" mill & BHA - TIH to landing collar - Started displacing mud w/treated brine water). 13.4# MW - Vis 45 - WL 10.0 - 87 days ECTD \$1,525,177.00
- 3-6-87: TD 15090' (PBSD 15044' - Landing Collar) PU kill string, 2 7/8" EUE tbg. (Finish displacing mud w/treated 10# brine - lay down drill string - install tbg spool - started running kill string) 10# brine MW - 88 days ECTD \$1,536,909.00
- 3-7-87: TD 15,090' (PBSD 15,044' - cement) RDRT - Rig was released @ 12:00 hrs (noon) on 3-6-87. (Finish P/U kill string - install WKM dual tree - clean pits - RD gas buster & release rig). 10.0# Brine, day 89, ECTD \$1,649,671.00.
- 3-8-87: TD 15,090' (PBSD 15,044' - cement) RDRT day 90, ECTD \$1,670,000.00.
- 3-9-87: TD 15,090' (PBSD 15,044' - cement) RDRT day 91, ECTD \$1,670,000.00.
- 3-10-87: TD 15,090' (PBSD 15,044' - Landing Collar) Finish RDRT & MORT. Day 92, ECTD \$1,670,000.00.
- 3-11-87: TD 15,090' (PBSD 15,044' - Landing Collar) Finish MORT. Day 93, ECTD \$1,670,000.00.
- 3-12-87: TD 15,090' (PBSD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 94, ECTD \$1,670,000.00.
- 3-13-87: TD 15,090' (PBSD 15,044' - Landing Collar) Preparing wellsite for completion unit. Day 95, ECTD \$1,670,000.00.

Production Liner Report

3-1-87: Ran 84 jts, (3344.02 ft.) 5 1/2" O.D., 20/23 Wt. P110/N-80 Gr. FL4S / 7 Conn. Set & cemented @ from 11740.98' to 15,085', KB.

Liner wt. in 63,000#/gal mud 13.4 #.

Liner wt. in air 81,761 #.

Calculated cement volume around liner in open hole 640 cu.ft.

Plus 10 % excess. FDC-CNL caliper arm.

Cement volume around over lap 24.13 cu. ft.

Cement volume in csg above liner top 103.08 cu. ft.

Total cubic feet of cement slurry: 831.21.

Preflush: 30 bbls or gals.

Scavenger slurry 50 Sks Poz. 10 % salt, 6 % CFR-3,

1 % morflo, \_\_\_\_\_ % \_\_\_\_\_ %

Cement: 500 Sks Cl "H", 35 % SSA-1, 1 % CFR-3,

0.6% Halad 24, 5# Gilsonite, 0.2 % SuperCBL, 0.2 % HR-5, 1/4# flocele

Bumped plug (x) yes ( ) no with 3100 psi & 154 bbls mud.

Calculated displacement 150 bbls.

Had good or bad circ (x) yes ( ) no.

Had flow back ( ) yes (x) no.

Job completed 2:35 AM 3-1-87 time and date.

Production Liner Details  
From bottom to top

Jts.	O.D.	Wt.	Gr.	Conn.	Length	Top @
1	5 1/2	23#	Guide Shoe	FL4S	2.27	15082.73
1	5 1/2	23#	N-80	FL4S	34.97	15047.76
1	5 1/2	23#	Float Collar	FL4S	1.98	15045.78
1	5 1/2	23#	Landing Collar	FL4S	.82	15044.96
15	5 1/2	23#	N-80	FL4S	639.10	14405.86
1	5 1/2	23#	Pin X 20# Box N-80	FL4S	.69	14405.17
68	5 1/2	20#	P110	FL4S	2647.64	11757.53
1	5 1/2 X 7 5/8	20#	Liner Hanger	FL4S	16.55	11740.98

3-2-87: TD 15090' (PBSD 15044' - Landing Collar present or drilling cement.) Finished POH w/liner setting tool. Lay down 3 1/2" DP - PU 2 7/8" DP - stand in derrick. PU 6 3/4" bit - 7 5/8" casing scraper w/BHA & TIH to 10,486' - Tagged cement. MW 13.4# - Vis 41 - WL 7.0 - 84 days ECTD \$1,403,269.00

3-3-87: TD 15090' (PBSD 15044' - Landing Collar) on TIH w/ 4 1/2" mill to clean out 5 1/2" liner. (Finish TIH - Drill cmt 10,468 - 11,745' - Circ. out - POH - P/U 4 1/2" mill & BHA - start TIH) - MW 13.4# - Vis 50 - WL 12.0 - 85 days ECTD \$1,488,010.00

- 2-16-87: TD 14,089' Made 118' in 24 hrs - Drlg in shale & limestone - MW 13.4 - Vis 47 - WL 9.2 - days - ECTD \$1,136,634.00.
- 2-17-87: TD 14,141' Made 52' in 13.5 hrs - Drlg in shale & limestone - (dulled the Smith dia. bit - RTCB - Now drilling w/ Hycalog bit) - MW 13.4 - Vis 45 - WL 9.1- 71 days - ECTD \$1,205,755.00.
- 2-18-87: TD 14,285' Made 144' in 23.5 hrs - Drlg in shale & limestone - MW 13.4 - Vis 44 - WL 9.4- 72 days - ECTD \$1,215,249.00.
- 2-19-87: TD 14,398' Made 113' in 23.5 hrs - Drlg in shale & sandstone - MW 13.4 - Vis 44 - WL 9.2 - 73 days - ECTD \$1,230,179.00.
- 2-20-87: TD 14,505' Made 107' in 23.5 hrs - Drlg in shale - MW 13.3 - Vis 43 - WL 9.6 - 74 days - ECTD \$1,241,775.00.
- 2-21-87: TD 14,622' Made 117' in 23.5 hrs - Drlg in shale - MW 13.4 - Vis 43 - WL 10.0 - 75 days - ECTD \$1,261,625.00.
- 2-22-87: TD 14,733' Made 111' in 23.5 hrs - Drlg in shale - MW 13.4 - Vis 39 - WL 10.0 - 76 days - ECTD \$1,273,159.00.
- 2-23-87: TD 14,847' Made 114' in 23.5 hrs - Drlg in shale - MW 13.4 - Vis 43 - WL 8.4 - 77 days - ECTD \$1,283,449.00.
- 2-24-87: TD 14,947' Made 100' in 23.5 hrs - Drlg in shale w/10% limestone, - MW 13.4 - Vis 40 - WL 7.8 - 78 days - ECTD \$1,296,191.00.
- 2-25-87: TD 15,042' Made 95' in 23.5 hrs - Drlg in shale - MW 13.4 - Vis 40 - WL 7.6 - 79 days - ECTD \$1,307,413.00.
- 2-26-87: TD 15,072' Corrected depth, Made 13' in 3.5 hrs - Logging w/welex. (Finished drilling - Cond. mud - POH w/SLM to log - Drill string tally 15,072' - Ran DIL-GR log from 15,075' to 11,786' & now on TIH w/FDC-Cnl Log). - MW 13.4 - Vis 48 - WL 8.0 - 80 days - ECTD \$1,315,769.00.
- 2-27-87: TD 15,072' 0.0' in 0.0 hrs. On POH for Sonic log, (Finished logging & TIH to condition mud - now on POH for sonic log). - MW 13.4 - Vis 44 - WL 7.4 - 81 days - ECTD \$1,328,226.00.
- 2-28-87: TD 15,090' 18' in 5.0 hrs. Circ & cond. mud & wellbore for 5 1/2" production liner. (Finish POH to log - Ran Sonic log - TIH - drill from 15,072' to 15,090' - cond. mud). - MW 13.4 - Vis 45 - WL 7.0 - 82 days - ECTD \$1,358,916.00.
- 3-1-87: TD 15,090' (PBD 15044' - Landing collar) on POH w/liner setting tools. (Finish condition mud - POH for 5 1/2" liner - Run 5 1/2" liner - circ. out - cement liner while rotating it - start POH). MW 13.4# - Vis 42 - WL 6.8 - 83 days - ECTD \$1,396,077.00

- 1-30-87: TD 12,116' - Drilling 6-3/4" hole - MW 10.7 - VIS 42 - WL 10.2 - ECTD \$968,455
- 1-31-87: TD 12,250' - Drilling 6-3/4" hole - MW 10.8 - VIS 41 - WL 8.8 - ECTD \$993,355
- 2-01-87: TD 12,357' - Drilling 6-3/4" hole - MW 10.8 - VIS 41 - WL 9.8 - ECTD \$1,006,882
- 2-02-87: TD 12,409' - Reaming @ 12,310 - MW 10.8 - VIS 41 - WL 9.6 - ECTD \$1,018,337
- 2-03-87: TD 12,518' - Drilling 6-3/4" hole - MW 10.9 - VIS 39 - WL 9.8 - ECTD \$1,042,223
- 2-4-87: TD 12,660' Made 142' in 21.5 hrs - Drilling Shale - shut in raising mud wt. from 11.1 to 12.1#. At 12,660' well kicked w/1400 psi on D.P. and has bled to 300 psi while shut-in to raise mud wt. & add LCM. - MW 11.1 - Vis 43 - WL 6.2 - 57 days - ECTD \$1,058,487.00.
- 2-6-87: TD 12,882' Made 127' in 23.5 hrs - Drilling Shale - MW 12.9 - Vis 44 - WL 7.2 - 59 days - ECTD \$1,088,821.00.
- 2-7-87: TD 13,022' Made 140' in 23.5 hrs - Drilling Shale & limestone - MW 13.0 - Vis 45 - WL 8.6 - 60 days - ECTD \$1,096,508.00.
- 2-8-87: TD 13,158' Made 136' in 23 hrs - Drilling Shale & limestone - MW 13.2 - Vis 43 - WL 8.0 - 61 days - ECTD \$1,110,632.00.
- 2-9-87: TD 13,267' Made 109' in 23.5 hrs - Drilling Shale & limestone - MW 13.4 - Vis 52 - WL 7.8 - 62 days - ECTD \$1,120,709.00.
- 2-10-87: TD 13,380' Made 113' in 23.5 hrs - Drilling Shale & limestone - MW 13.4 - Vis 46 - WL 8.0 - 63 days - ECTD \$1,131,990.00.
- 2-11-87: TD 13,435' Made 55' in 13.25 hrs - Testing BOP stack on RTCB, - MW 13.4 - Vis 41 - WL 8.0 - 64 days - ECTD \$1,142,359.00.
- 2-12-87: TD 13,527' Made 92' in 25 hrs - Drlg in shale, - MW 13.4 - Vis 45 - WL 8.8 - 66 days - ECTD \$1,150,547.00.
- 2-13-87: TD 13,675' Made 148' in 23.5 hrs - Drlg in shale and sandstone - MW 13.4 - Vis 46 - WL 8.2 - 67 days - ECTD \$1,163,105.00.
- 2-14-87: TD 13,833' Made 158' in 23.5 hrs - Drlg in shale - MW 13.4 - Vis 42 - WL 9.4 - 68 days - ECTD \$1,176,584.00.
- 2-15-87: TD 13,971' Made 138' in 23.5 hrs - Drlg in shale - MW 13.4# in/13.3# out - Vis 44 - WL 8.2- 69 days - ECTD \$1,184,935.00.

DW-DUCHESNE-PZL-SHAW #2-27A2  
PZL PC 50% - PPI PC 50% - PD 14,000'  
LOCATION: SECTION 27 - T1S - R2 - Montgomery Rig #5  
TOTAL AFE COST \$1,069,000.00. ←

1-10-87: TD 10,933' - Made 115' in 16.5 hrs - GIH - Shale and Dolo -  
MW 10 - Vis 40 - WL 10.2 - Dev 1 deg @ 10,900' -  
ECTD \$492,111.00.

1-11-87: TD 10,050' - Made 117' on 19 hrs - Dr1 - Shale/Dolo/SS -  
MW 10 - Vis 40 - WL 10.8 - ECTD \$498,350.00.

1-12-87: TD 11,175' - Made 125' in 23.5 hrs - Dr1 - Shale/LS/SS -  
MW 10 - Vis 41 - WL 11 - ECTD \$502,692.00.

1-13-87: TD 11,257' - Made 82' in 12.5 hrs - Dr1 - Sh/Sd - MW 10.3 -  
Vis 39 - WL 10 - ECTD \$509,175.00.

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1-14-87: TD 11,368' - Made 111' in 23.5 hrs - Dr1 - Sh/Sd - MW 10.6 -  
Vis 40 - WL 9.8 - ECTD \$524,321.00.

1-15-87: TD 11,408' - Made 40' in 13 hrs - Sh/Sd - MW 10.6 - Vis 36 -  
WL 9.6 - ECTD \$532,278.00.

1-16-87: TD 11,514' - Made 106' in 22.5 hrs - Dr1 - Sh/Sd - MW 10.6 -  
Vis 36 - WL 8.4 - ECTD \$536,646.00.

1-19-87: TD 11,805' - Dr1g - Made 127'/ 24 hrs - MW 10.6+ - Vis 38 - WL 9.6 -  
42 drlg days - ECTD \$553,697.00.

1-20-87: TD 11,840' - Drilling - MW 10.6 - VIS 41 - WL 8.4 - ECTD \$556,593

1-21-87: TD 11,934' - Drilling - MW 10.6 - VIS 38 - WL 8.8 - ECTD \$563,191

1-22-87: TD 12,000' - Circ & cond mud for logging runs - MW 10.6 - VIS 40  
- WL 7.4 - ECTD \$568,188

1-23-87: TD 12,006' - TIH for cond trip - MW 10.6 - VIS 39 - WL 7.9 - ECTD  
\$576,309

1-24-87: TD 12,006' - TIH T/cond mud for casing run - MW 10.6 - VIS 45 -  
WL 8.0 - ECTD \$582,262

1-25-87: TD 12,006' - Running 7-5/8" casing - MW 10.7 - VIS 41 - WL 8.2 -  
ECTD \$607,546

1-26-87: TD 12,006' - RD Dowell - MW 10.7 - VIS 40 - WL 8.2 - ECTD  
\$614,011

1-27-87: TD 12,006' - PU 4-3/4" DC and 3-1/2" DP - MW 10.6 - VIS 38 - WL  
9.8 - ECTD \$680,582

1-28-87: TD 12,010' - Drilling - MW 10.6 - VIS 41 - WL 11.2 - ECTD  
\$820,839

1-29-87: TD 12,011' - POOH T/ P/U mud motor and Smith bit - MW 10.6 - VIS  
44 - WL 10.8 - ECTD \$957,914

DW-DUCHESNE-PZL-SHAW #2-27A2  
PZL PC 50% - PPI PC 50% - P 4,500'  
LOCATION: SECTION 27 - T1S - R2W - Montgomery Rig #5  
TOTAL AFE COST \$1,069,000.00.

12-23-86: TD 4385' - Running 10 3/4" csg (have run 99 jts @ rept time) -  
Made 28' / 5.5 hrs - MW 10.2 - Vis 34 - 15 drlg days - ECTD  
\$198,897.00.

12-24-86: TD 4385' - NU 13 5/8" BOP - Made 0' - MW 8.3 - Vis 26 - 16 drlg  
days - ECTD \$313,262.00.

12-25-86: TD 4,400' - Dr1 - Shale - MW 9.2 - Vis 32 - WL N/C -  
ECTD \$319,786.00.

12-26-86: TD 5089' - Made 689' in 23 hrs - Dr1 - Sand and Shale -  
MW 8.4 - Vis 26 - Dev 3/4 deg @ 4878' - ECTD \$335,048.00.

12-27-86: TD 5696' - Made 607' in 23 hrs - Dr1 - Sand and Shale -  
MW 8.4 - Vis 26 - Dev 3/4 deg @ 5294' - ECTD \$348,597.00.

12-28-86: TD 6405' - Made 709' in 22.5 hrs - Dr1 - Sand and Shale  
MW 8.4 - Vis 26 - Dev 1 @ 5757 & 1 @ 6251' - ECTD \$364,743.00.

12-29-86: TD 7033' - Made 628' in 23 hrs - Dr1 - Sand and Shale -  
MW 8.4 - Vis 26 - Dev 1 1/4 deg @ 6740' - ECTD \$379,038.00.

12-30-86: TD 7426' - Made 393' in 17 hrs - Dr1 - Shale - MW 8.4 - Vis 26  
Dev 1 deg @ 7195' - ECTD \$388,542.00.

12-31-86: TD 7510' - Made 84' in 8.5 hrs - Dr1 - Shale - MW 8.4 - Vis 26 -  
ECTD \$391,708.00.

1-1-87: TD 7956' - Made 446' in 23 hrs - Dr1 - Shale - MW 8.4 - Vis 26 -  
Dev 1 deg @ 7679' - ECTD \$402,149.00.

1-2-87: TD 8235' - Made 279' in 16 hrs - Dr1 - Shale - MW 8.4 - Vis 26 -  
Dev 3/4 deg @ 8243' - ECTD \$409,200.00.

1-3-87: TD 8655' - Made 420' in 23.5 hrs - Dr1 - Shale - MW 8.4 - Vis 26  
ECTD \$420,102.00.

1-4-87: TD 9153' - Made 498' in 23.5 hrs - Dr1 - Shale - MW 8.4 - Vis 26 -  
ECTD \$431,415.00.

1-5-87: TD 9753' - Made 600' in 23 hrs - Dr1 - Shale - MW 8.4 - Vis 26 -  
ECTD \$444,763.00.

1-6-87: TD 10,017' - Made 264' in 12 1/2 hrs - On RTCB - MW 8.4 -  
Vis 31

1-7-87: TD 10,341' - Made 324' in 21 hrs - Dr1 - MW 8.7 - Vis 38 -  
WL 15.8 - ECTD \$463,839.00.

1-8-87: TD 10,532' - Made 191' in 13.5 hrs - Dr1 - Shale - MW 8.8 - Vis 38 -  
WL 18 - Dev 1 deg @ 10,380' - ECTD \$470,968

1-9-87: TD 10,818' - Made 286' in 23.5 hrs - Dr1 - Shale/Dolo -  
MW 9.5 - Vis 41 - WL 12.4 - ECTD \$11,875.00.

DW-DUCHESNE-PZL-SHAW #2-27A2  
PZL PC 50% - PPI PC 50% - 12,000'  
LOCATION: SECTION 27 - T1S - R2W  
TOTAL AFE COST \$1,069,000.00.

12-8-86: RURT

12-9-86: TD 700' - Made 577' in 15 hrs - Dr1 - Sand and shale - MW 8.4 -  
Vis 28 - Dev 0 deg @ 400' - SPUD 30m on 12-8-86 - 16" conductor  
set @ 100' w/ 5' cmt inside - ECTD \$74,620.00.

12-10-86: TD 1,495' - Made 795' in 20 1/4 hrs - Dr1 - Sd & Sh - MW 8.5 -  
Vis 27 - Dev 3/4 deg @ 805', 3/4 @ 1187' and 3/4 @ 1410' -  
ECTD \$95,308.00.

12-11-86: TD 2,310' - Made 815' in 23 hrs - Dr1g (10 GPM wtr flow @ 2190'  
killed w/ 8.9#/gal mud - Sd & Sh - MW 8.9+ - Vis 32 - WL wtr -  
Dev 0 deg @ 1800' & 1 @ 2201' - ECTD \$112,855.00.

---

12-12-86: TD 2700' - Made 390' in 23 hrs - Dr1 - Sd & Sh - MW 9.5 -  
Vis 36 - WL 25 - Dev 3/4 deg @ 2610' - ECTD \$122,865.00.

---

12-13-86: TD 2940' - Made 240' in 23.5 hrs - Dr1 - MW 9.2 - Vis 33 -  
WL 24 - ECTD \$129,293.00.

12-14-86: TD 3130' - Made 190' in 17 hrs - Dr1 - MW 9.6 - Vis 33 -  
WL 38 - ECTD \$136,004.00.

12-15-86: TD 3196' - Made 66' in 10 1/2 hrs - Dr1 (Made two trips for  
washouts in BHA - Made a 28' uphole depth correction from  
3161' to 3133') - MW 9.7 - Vis 32 - WL 32.4 - KDB to GR  
28' - Phone #'s: dr1 (801)353-2097 - Geologist and mud  
logger (801)353-2007 - ECTD \$142,766.00.

---

12-16-86: TD 3495' - Made 299' in 23 hrs - Dr1 - Sd & Sh - MW 10 - Vis 34 -  
WL 30.8 - Dev 3/4 deg @ 3403' - ECTD \$149,967.00.

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12-17-86: TD 3696' - Made 201' in 22.5 hrs - Dr1 - Sd & Sh - MW 10 -  
Vis 32 - WL NC - ECTD \$155,155.00,

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12-17-86: TD 3805' - Made 109' in 15 1/2 hrs - Dr1 - Sd & Sh - MW 10.2 -  
Vis 33 - ECTD \$160,645.00.

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12-18-86: TD 3960 - Made 155' in 24 hrs - Dr1 - Sand & shale - MW 10.2 - Vis 32 -  
ECTD \$170,203.

12-20-86: TD 4120' - Made 160' in 23 hrs - Dr1 - MW 9.7 - Vis 31 -  
Dev 3/4 deg @ 4022' - ECTD \$178,345.00.

12-21-86: TD 4248' - Made 128' in 18 hrs - Dr1 - MW 10.1 - Vis 33 -  
ECTD \$184,010.00.

12-22-86: TD 4357' - Made 109' in 21.5 hrs - Dr1 - MW 10 - Vis 34 -  
ECTD \$189,523.00.

**RECEIVED**  
JUN 13 1988

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

DIVISION OF  
OIL, GAS & 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.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME See Attached List
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12. COUNTY OR PARISH Duchesne & Uintah
13. STATE Utah

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. NAME OF OPERATOR Pennzoil Company Utah Acct. # N0705	
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.* See also space 17 below.) At surface See Attached List of Wells	
14. API NUMBER	15. ELEVATIONS (Show whether DF, RT, GR, etc.)

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 type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Operator Name Change <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 of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

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

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

SIGNED George P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICE OF NAME CHANGE  
EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011	
5785	UTE ALOTTED 1-36Z2	1N 2W 36	4301330307	
5790	HORROCKS 1-6A1	1S 1W 6	4301330390	53
5795	J YACK 1-7A1	1S 1W 7	4301330018	
5800	BASTAIN FEE #1	1S 1W 7	4301330026	
5805	CHASEL FLY DIAMOND 1-18A1	1S 1W 18	4301330030	
5810	STATE 3-18A1	1S 1W 18	4301330369	
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC ✓
5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250	
5825	LL PACK 1-33A1	1S 1W 33	4301330261	
5835	UTE 11-6A2	1S 2W 6	4301330381	
5836	UTE 2-7A2	1S 2W 7	4301331009	
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017	
5845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347	
5850	UTE 1-7A2	1S 2W 7	4301330025	
5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRRV ✓
5860	STATE 1-10A2	1S 2W 10	4301330006	
5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012	
5870	L. BOREN 2-11A2	1S 2W 11	4301330277	
5875	KENDALL 1-12A2	1S 2W 12	4301330013	
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	GRRV ✓
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316	GRRV ✓
5880	OLSEN 1-12A2	1S 2W 12	4301330031	
5885	L. BOREN 1-14A2	1S 2W 14	4301330035	GRRV ✓
5890	UTE 3-18A2	1S 2W 18	4301330125	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147	
5900	L. BOREN 5-22A2	1S 2W 22	4301330107	
5905	L. BOREN 4-23A2	1S 2W 23	4301330115	
5910	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSTC ✓
5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTC ✓
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301	
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249	
5935	C B HATCH 1-5B1	2S 1W 5	4301330226	
5940	NORLING 1-9B1	2S 1W 9	4301330315	
5945	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359	
5950	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297	
5960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTC ✓
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564	
5970	STATE PICKUP 1-6B1E	2S 1E 6	4304730169	WSTC ✓
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036	
9770	SMITH 1-14C5	3S 5W 14	4301330980	
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912	
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134	
10615	HATCH 2-3B1	2S 1W 3	4301331147	
10616	NORLING 2-9B1	2S 1W 9	4301331151	
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150	
10753	SHAW 2-27A2	1S 2W 27	4301331184	
10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Ddq - WSTC Cont.
10785	BOREN 3-11A2	1S 2W 11	4301331192	" " "
10794	LAMICQ 2-20A2	1S 2W 20	4301331191	" " "
	FRESTON 2-8B1	2S 1W 8	4301331203	CURRENTLY BEING DRILLED PA 43-013-31203
	SALERATUS WASH 1-17C5 SWD	3S 5W 17	4301399998	SALT WATER DISPOSAL WELL 43-013-30388 - GRRV
	VANDERSON 2-28A2 SWD	1S 2W 28	4304399992	SALT WATER DISPOSAL WELL 43-013-30346 WNTA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS CATEGORY  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

14

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
SEP 15 1988  
DIVISION  
OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Pennzoil Exploration and Production Company		8. FARM OR LEASE NAME Shaw
3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252		9. WELL NO. 2-27A2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  1161' FSL and 2217' FWL		10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont
14. PERMIT NO. 43-013-31184		12. COUNTY OR PARISH Duchesne
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 5667		13. STATE UT

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 checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <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.)\*

The following work was performed on the subject well from 2/2/88 to 7/9/88:

- 2/2/88 MIRU
- 2/29/88 Set CIBP @ 13,205' w/10' cmt.
- 2/29/88 Perforated 12,644 to 13,183' (22 intervals, 2 spf)
- 4/12/88 Acidized perfs 12,644-13,183' w/20,000 gals 15% HCL acid.
- 6/9/88 Repair collapse casing @ 11,730' w/tie-back sleeve from 11,783-11,437' (5-1/2", 20#, P-110)
- 6/28/88 Milled CIBP @ 13,205', cleaned hole to 14,430'.
- 7/9/88 returned well to production.

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

SIGNED Ralph G. Wall TITLE Supervising Engineer DATE 9-9-88

(This space for Federal or State office use)

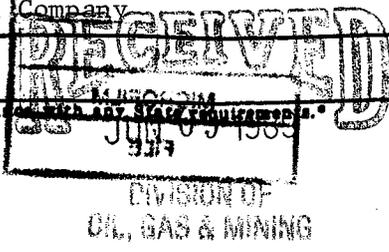
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

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

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR Pennzoil Exploration and Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.) At surface  1161' FSL and 2217' FWL <b>43-013-31184</b>		8. FARM OR LEASE NAME Shaw
14. PERMIT NO. 43-013-99999-00		9. WELL NO. 2-27A2
15. ELEVATIONS (Show whether OF, ST, OR, etc.) 5667 KB		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 27, T1S, R2W
		12. COUNTY OR PARISH Duchesne
		13. STATE UT

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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>pump installation</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.)

1. RU pulling unit, bled off pressure and POH with 2-7/8" tbg.
2. Tagged bottom with 4-1/8" mill at 14449'.
3. Ran pkr and RBP. Tested all csg above 12585' to 2000 psi. Held OK.
4. Acidized perfs 12644-14442' with 20,000 Gallons 7-1/2% HCL containing 2000 SCF/bbl CO2.
5. Ran production tubing and RD pulling unit, prepare to install beam pump.

Jess Dullnig  
5/24/89

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

SIGNED Ralph W. Wall TITLE Supervising Engineer DATE 6-6-89

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

NOV 27 1989

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>7. UNIT AGREEMENT NAME</b> 	
<b>2. NAME OF OPERATOR</b> Pennzoil Exploration and Production Company		<b>8. FARM OR LEASE NAME</b> Shaw	
<b>3. ADDRESS OF OPERATOR</b> P.O. Box 2967 Houston, TX 77252		<b>9. WELL NO.</b> 2-27A2	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1161' FSL & 2217' FWL  31184		<b>10. FIELD AND POOL, OR WILDCAT</b> Bluebell	
<b>14. PERMIT NO.</b> 43-013-9999-00		<b>15. ELEVATIONS</b> (Show whether DV, RT, GR, etc.) 5639 GR	
<b>11. SEC., T., S., R., OR B.L.E. AND SURVEY OR AREA</b> Sec. 27, T1S, R2W.		<b>12. COUNTY OR PARISH</b> <b>13. STATE</b> Duchesne UT	

**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"/>	PCLL 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) recompl. in Upper Wasatch

(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.)\*

- set CIBP at 12,630'.
- perforate Upper Wasatch from approximately 11,160-12619'.
- acidize with 20,000 gallons 7-1/2% HCL w/CO2.
- if production is marginal, clean out to 14,449' and test all Wasatch perfs together.

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM ✓	
4- FILE	

Jess Dullnig  
5/9/89

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

SIGNED Jess Dullnig TITLE Supervising Engineer DATE 5-25-89

(This space for Federal or State office use)

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

DATE: 12-4-89  
BY: John R. Bay

See attached.

\*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING  
CONDITIONS OF APPROVAL FOR WELL WORKOVER

Pennzoil Exploration and Production Company  
Shaw #2-27A2 Well  
Section 27, T. 1S, R. 2W  
Duchesne County, Utah  
December 4, 1989

Reference document: Sundry notice dated May 25, 1989, received by DOGM  
November 27, 1989.

1. Upon completion of the workover, the operator shall submit a complete subsequent notice of the work performed including a description of the intervals open in the wellbore.

OI58/124

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 and Production Company

3. ADDRESS OF OPERATOR P.O. Box 2967, Houston, TX 77252

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1161' FSL and 2217' FWL

5. LEASE DESIGNATION AND SERIAL NO. FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Shaw

9. WELL NO. 2-27A2

10. FIELD AND POOL, OR WILDCAT Bluebell

11. SEC., T., R., M., OR BLM. AND SURVEY OR ARRA Sec 27, T1S, R2W

12. COUNTY OR PARISH Duchesne

13. STATE Utah

14. PERMIT NO. 31184  
43-013-99999-00

15. ELEVATIONS (Show whether DV, ST, CR, etc.)  
5667 KB

MAR 02 1990

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 checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) perf additional pay <input checked="" 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.)

Summary of Workover from 12/19/89 to 2/14/90

- MI and RU pulling unit. Pulled rods and tubing.
- Set CIBP at 12,630'. Tested casing to 1500 psi. Held OK.
- Perforated new pay from 11,160-12,619' (387', 774 holes).
- Acidized perfs 11,160' to 12,619' with 20,000 gallons 7½% HCL w/CO<sub>2</sub>.
- Milled out CIBP at 12,630' and pushed junk down to fill at 14,050'.
- Placed well on rod pump and RD pulling unit. Job complete.

OIL AND GAS	
DRN	FILE
JRB	FILE
DTG	FILE
1-TAS	
2-	MICROFILM
3-	FILE

Jess Dullnig  
2/16/90  
Neola, UT

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

SIGNED Ralph C. Wells TITLE Supervising Engineer DATE 2-23-90

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



# 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-0143512

U-4377  
U-4378

UTU-67943

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.

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

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

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit

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

Exhibit of Leases

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

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

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

Communitization Agreements

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

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

U-60827  
U-60831  
U-68998



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

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

**MAR 26 1999**

### NOTICE

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

#### Merger Recognized

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

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

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

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

**IRENE J. ANDERSON**

Irene J. Anderson  
Acting Group Leader,  
Minerals Adjudication Group

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

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

**MAR 26 1999**

NOTICE

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

Merger Recognized

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

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

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

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

IRENE J. ANDERSON

Irene J. Anderson  
Acting Group Leader,  
Minerals Adjudication Group

Enclosure  
Exhibit

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

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.

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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 635381-001

OFFICE OF THE SECRETARY OF STATE



CERTIFICATE OF MERGER

WHEREAS,

DEVON ENERGY PRODUCTION COMPANY, L.P.

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

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

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

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

*Mike Hunter*

Secretary of State

By:

*Burt L. Cline*

**DESIGNATION OF AGENT OR OPERATOR**

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

LEASE NAME: As per the attached spreadsheet.

LEASE NUMBER: \_\_\_\_\_

and hereby designates

NAME: Devon Energy Production Company, L.P.

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

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

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

See attached spreadsheet.

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

**RECEIVED**

APR 20 2000

DIVISION OF  
OIL, GAS AND MINING

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

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

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

Effective Date of Designation: January 1, 2000

BY: (Name) R. D. Clark

(Signature) 

(Title) Vice President

(Phone) 405-235-3611

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

(Address) 20 North Broadway, Suite 1500

Oklahoma City, OK 73102-8260

**RECEIVED**

APR 20 2000

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

	<u>API NO.</u>	<u>WELL NAME &amp; 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

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APR 20 2000

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

	<u>API NO.</u>	<u>WELL NAME &amp; 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	MCCELPRANG 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 &amp; 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	
	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	

**RECEIVED**

APR 20 2000

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

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

**04-01-2000**

**FROM:** (Old Operator):

PENNZOIL COMPANY  
 Address: P. O. BOX 290  
 NEOLA, UT 84053

Phone: 1-(435)-353-4121

Account No. N0705

**TO:** ( New Operator):

DEVON ENERGY EXPL & PROD CO LLC  
 Address: 20 NO. BROADWAY STE 1500  
 OKLAHOMA CITY, OK 73102-8260

Phone: 1-(405)-235-3611

Account N1275

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
DUNCAN 4-2A2	43-013-31276	11258	02-01S-02W	FEE	GW	P
MECCA 2-8A2	43-013-31231	10981	08-01S-02W	FEE	OW	P
HAMBLIN 3-9A2	43-013-31278	11094	09-01S-02W	FEE	GW	P
SUNDANCE 4-15A2	43-013-31333	11269	15-01S-02W	FEE	OW	P
LAMB 2-16A2	43-013-31390	11487	16-01S-02W	FEE	OW	S
LAMICQ URRITY 4-17A2	43-013-31190	10764	17-01S-02W	FEE	OW	P
LAMICQ 2-20A2	43-013-31191	10794	20-01S-02W	FEE	OW	P
LORANGER 6-22A2	43-013-31334	11335	22-01S-02W	FEE	OW	P
LABRUM 2-23A2	43-013-31393	11514	23-01S-02W	FEE	OW	P
LORANGER 2-24A2	43-013-31322	11244	24-01S-02W	FEE	OW	P
SHAW 2-27A2	43-013-31184	10753	27-01S-02W	FEE	OW	P
WISSE 3-35A2	43-013-31215	10925	35-01S-02W	FEE	OW	P
COX 2-36A2	43-013-31335	11330	36-01S-02W	FEE	OW	P
HATCH 2-3B1	43-013-31147	10615	03-02S-01W	FEE	OW	P
BAR F 2-5B1	43-013-31286	11113	05-02S-01W	FEE	OW	P
FRESTON 2-8B1	43-013-31203	10851	08-02S-01W	FEE	OW	P
NORLING 2-9B1	43-013-31151	10616	09-02S-01W	FEE	OW	P
EDWARDS 3-10B1	43-013-31332	11264	10-02S-01W	FEE	OW	P
POWELL 2-16B1	43-013-31820	12342	16-02S-01W	FEE	OW	P
CHAPMAN 2-4B2	43-013-31378	11485	04-02S-02W	FEE	OW	P
PEARSON 2-11B2	43-013-31356	11359	11-02S-02W	FEE	OW	P
SMITH 2-9C5	43-013-31321	11245	09-03S-05W	FEE	OW	P
BALLARD 2-15B1	43-047-32351	11476	15-02S-01W	FEE	OW	S

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/20/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/20/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/12/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/16/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro;** 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: 10/16/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/16/2000
3. Bond information entered in RBDMS on: \_\_\_\_\_
4. Fee wells attached to bond in RBDMS on: \_\_\_\_\_

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: \_\_\_\_\_

**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: YES
2. The **FORMER** operator has requested a release of liability from their bond on: 09/26/2000  
The Division sent response by letter on: 10/03/2000
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: 10/17/2000

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

**FILING:**

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

**COMMENTS:**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> SHAW 2-27A2
<b>2. NAME OF OPERATOR:</b> DEVON ENERGY PROD CO LP	<b>9. API NUMBER:</b> 43013311840000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	<b>PHONE NUMBER:</b> 405 552-7883 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1161 FSL 2217 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 27 Township: 01.0S Range: 02.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> BLUEBELL  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 5/24/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>  <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>  <input type="checkbox"/> <b>CHANGE WELL STATUS</b>  <input type="checkbox"/> <b>DEEPEN</b>  <input type="checkbox"/> <b>OPERATOR CHANGE</b>  <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>  <input checked="" type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>  <input type="checkbox"/> <b>TUBING REPAIR</b>  <input type="checkbox"/> <b>WATER SHUTOFF</b>  <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>ALTER CASING</b>  <input type="checkbox"/> <b>CHANGE TUBING</b>  <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>  <input type="checkbox"/> <b>FRACTURE TREAT</b>  <input type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>  <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>  <input type="checkbox"/> <b>VENT OR FLARE</b>  <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>  <input type="checkbox"/> <b>OTHER</b>	<input type="checkbox"/> <b>CASING REPAIR</b>  <input type="checkbox"/> <b>CHANGE WELL NAME</b>  <input type="checkbox"/> <b>CONVERT WELL TYPE</b>  <input type="checkbox"/> <b>NEW CONSTRUCTION</b>  <input type="checkbox"/> <b>PLUG BACK</b>  <input checked="" type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>  <input type="checkbox"/> <b>TEMPORARY ABANDON</b>  <input type="checkbox"/> <b>WATER DISPOSAL</b>  <input type="checkbox"/> <b>APD EXTENSION</b>  OTHER: _____

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

Devon intends on perforating and acidizing additional Wasatch intervals 11,178-12,956'. Based on evaluation, isolate, perforate Lower Green River intervals from 9,636 - 10,860'. Attachment: well history and procedure.

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

**Date:** May 11, 2010  
**By:** *Deanna Bell*

<b>NAME (PLEASE PRINT)</b> Deanna Bell	<b>PHONE NUMBER</b> 435 353-5780	<b>TITLE</b> Senior Field Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/5/2010



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013311840000**

**Authorization: Board Cause No. 139-84 (TGR3 @ 9600')**

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

**Date:** May 11, 2010  
**By:** *David K. [Signature]*

**DEVON ENERGY PRODUCTION COMPANY  
WORKOVER PROCEDURE**

SHAW 2-27A2  
SE/SW SECTION 27, T1S, R2W  
BLUEBELL/ALTAMONT FIELD  
DUSCHESNE COUNTY, UTAH

AFE 154261  
Property # 63031-001  
Revision 1- 5/4/2010 - JDA

**OBJECTIVE:**

Perforate and acidize additional Wasatch intervals from 11,178'-12,956' overall. Swab test new interval. Based on evaluation, isolate, perforate and acidize Lower Green River intervals from 9,636'-10,860' overall. Swab test new interval. Install a rod pump system and return to production.

**JUSTIFICATION:**

The Shaw 2-27A2 was originally completed in 1987 in the Wasatch intervals. Perforations were added to the wellbore in 1988 (Wasatch) and 1989 (Wasatch). The well currently produces from the intervals above 14,055' at ~8 BOPD and ~75 MCFD.

Cumulative production from the well to date is 183 MBO and 1,022 MMCF.

This workover will add 104' of Lower Green River and Wasatch perforations in 2 stages. These will be added in 14 intervals with 104', 416 holes from 9,636' to 12,956' overall. Stage 1 perforations are interspersed with existing perforations, while stage 2 perforations are entirely new. These intervals have good gas shows with several noted oil shows.

**WELL DATA:**

API No.	43-013-31184
Completion date	4-12-87
Total Depth:	15,100'
Original PBTD:	15,044'

SHAW 2-27A2, LOWER GREEN RIVER & WASATCH

Current PBTD: 14,055', remnants of drilled out CIBP

Current Status: Producing (currently ~8 BOPD & ~75 MCFD)

Casing: 10 3/4", 45.5#, K-55 set at 4,385'.  
7 5/8", 29.7#, N-80/S-95/P-110 at 12,006'  
DV tool at 5,555'.  
5 1/2", 20/23#, N-80/P-110 11,437-15,090.  
20 # from top to 14,414, 23# to btm.  
Original liner top at 11,756', tieback run to 11,437'

Perforations: 14,550-15,039 Below CIBP  
11,160-14,470 Open

CEMENT EVALUATION:

TOC 2nd stage	5870'
5870-6200	fair bond
6200-7000	poor bond
7000-11750	fair to poor bond
11750-14850	good to excellent bond
14850-15025	fair bond

Other: Guiberson Magnum packer at 14,510'  
CIBP at 14,505' with 20' cement  
Fish (?) on top of cement  
Remains of drilled out CIBP at 14,430'  
Remains of drilled out CIBP at 14,050'

**WELL HISTORY**

3-24-87: Perforated Wasatch interval 14,550 to 15,039' with 2 JSPF, 4" gun  
120 degree phasing, 350', 18 intervals, 718 holes.

3-24-87: Set 5 1/2" Guiberson Magnum GT packer at 14,510'.

3-30-87: Acidized perforations 14,550-15,039 with 15000 gals 15% HCL and  
15000 gals of 7 1/2% HCL.

4-3-87: Set 5 1/2" CIBP at 14,505'. Dumped 20' cement on top.

4-6-87: Perforated additional Wasatch 13,228-14,470' with 4" guns,  
one JSPF, 120 degree phasing, 49 intervals, 508', 557 holes

4-7-87: Set 5 1/2" Guiberson Magnum GT packer at 13,190'.

SHAW 2-27A2, LOWER GREEN RIVER & WASATCH

- 4-10-87: Acidized perforations 13,228-14,470' with 20,000 gals 15% HCL and 20000 gals of 7 1/2% HCL.
- 10-11-87: Installed submersible pump.
- 2-26-88: Milled out Guiberson packer at 13,190" and pushed to 13,275'.
- 2-29-88: Perforated Wasatch 12,644-13,183' with 2 JSPF, 3 1/8" guns, 22 intervals, 198', 396 holes.
- 2-29-88: Set Guiberson Magnum II packer at 12,600'.
- 3-5-88: Tagged CIBP at 13,581' with wireline tools, should have been at 13,205'.
- 4-6-88: Milled out Guiberson packer at 12,600', pushed remains of CIBP and packer to 14,034'.
- 4-8-88: Set CIBP at 13,204'.
- 4-12-88: Acidized perforations 12,644-13,183' with 20000 gals 15% HCL.
- 4-20-88: Ran submersible pump.
- 6-9-88: Repaired collapsed 7 5/8" casing at 11,730' by extending the 5 1/2" liner from 11,740' to 11,437'. Cemented with 75 sks.
- 6-29-88: Drilled out CIBP at 13,204' and pushed to 14,430'.
- 7-8-88: Installed submersible pump.
- 8-4-88: Pulled submersible pump, ran tubing open ended, shut well in to evaluate future potential.
- 4-27-89: Cleaned out to 14,449'.
- 4-28-89: Tested all casing above 12,585' to 2000 psi, OK.
- 5-3-89: Acidized 12,644-14,422' with 20,000 gals 7 1/2% HCL.
- 5-25-89: Installed rod pump.
- 12-21-89: Set CIBP at 12,630'.
- 12-29-89: Perforated 11,160-12,619' with 2 JSPF, 4" guns, 120 degree phasing. 66 intervals, 387', 774 holes.

SHAW 2-27A2, LOWER GREEN RIVER & WASATCH

- 1-8-90: Acidized 11,160-12,619' with 20,000 gals 7 1/2% HCL.
- 2-9-90: Drilled out CIBP at 12,630', pushed to 14050'
- 12-26-93 Tagged fill at 14050'.
- 12-28-93: Lowered pump from 9800' to 11,000'.
- 05-09-97 Replaced all 3/4" rods with new Norris 97 rods.
- 9-19-98 Repair parted rods.
- 11-13-99 Replace bad rod pump.
- 1-26-00 Repair parted rods.
- 5-22-00 Repair parted rods.
- 9-9-00 Repair parted rods.
- 7-27-02 Change bent polish rod.
- 9-15-04 Replace bad rod pump.
- 10-19-04 Replace bad rod pump.
- 5-3-05 Replace bad rod pump.

**PROCEDURE:**

1. RDMO pumping unit.
2. MIRU workover rig with pump and tank. Test the deadmen prior to moving in and rigging up.
3. POOH with rods & pump, 2-3/8" tubing sidestring, 2-7/8" production tubing.
4. Record fluid level and casing pressure in order to calculate static pressure below plug in step 17.
5. TIH with a 6.75" casing scraper (for 7-5/8", 29.7#/ft casing) on tubing to 11,430'. POOH.

6. TIH with a 4.001" bit and scraper (for 5-1/2", 20#/ft liner) on tubing to ~14,050'. Attempt to circulate fluid to surface. POOH.
7. Rig up wireline with a full lubricator and grease for pressure control. Perforate Wasatch 11,178'-12,956' overall in 5 intervals with 3-1/8" HSC guns as per perforation detail for stage 1. Correlate depths to Schlumberger's CBL dated 3-19-87. Monitor the fluid level and pressure while perforating.
8. TIH with 2-7/8" tubing and a 7-5/8" treating packer for 29.7#/ft casing (packer to ~11,050'), with 2,950' of 2-7/8" tailpipe below packer (end of tailpipe at ~14,000'). **Note-** Annular volume of 7-5/8", 29.7# casing and 2-7/8" tubing is 0.0379 Bbl/ft or ~1.59 gal/ft, annular volume of 5-1/2", 20# liner and 2-7/8" tubing is ~0.0141 bbl/ft or ~0.59 gal/ft.
9. If circulation was obtained in step 6, attempt to circulate produced fluid to surface. Pump 5,300 gallons of 15% HCl acid with standard additives (leaves ~2,000 gallons of acid between the tubing and casing). Shutdown and set the 7-5/8" treating packer at 11,050'. Pump the remaining 1,700 gallons of acid, then displace and overflush the acid by squeezing into the perforations 7,000 gallons of produced water.
- 9.b. If circulation was not obtained in step 6, circulate 12,000 gallons of produced water and set the 7-5/8" treating packer at 11,050'. Pump 7,000 gallons of 15% HCl acid with standard additives and flush the acid by squeezing into the perforations 8,000 gallons of produced water.
10. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
11. POOH with tubing, packer and tailpipe.
12. Discuss progress and results w/ OKC team before continuing onto stage 2 of this recompletion. Based on stage 1 response, the team may not want to continue with the procedure.
13. Pick up a 7-5/8" cup type RBP with ball catcher (for 200 balls) and a 7-5/8" treating packer. TIH, set plug at ~10,915'. Set the packer at ~10,890' and test the plug to 3,500 psi. POOH with the packer.
14. Rig up wireline with a full lubricator and grease for pressure control. Perforate LGR 9,636'-10,860' overall in 9 intervals with 4-1/2" HSC guns as per perforation detail for stage 2. Correlate depths to Schlumberger's CBL dated 3-19-87. Monitor the fluid level and pressure while perforating.
15. TIH with 2-7/8" tubing and a 7-5/8" treating packer for 29.7#/ft casing and set at 9,550'.

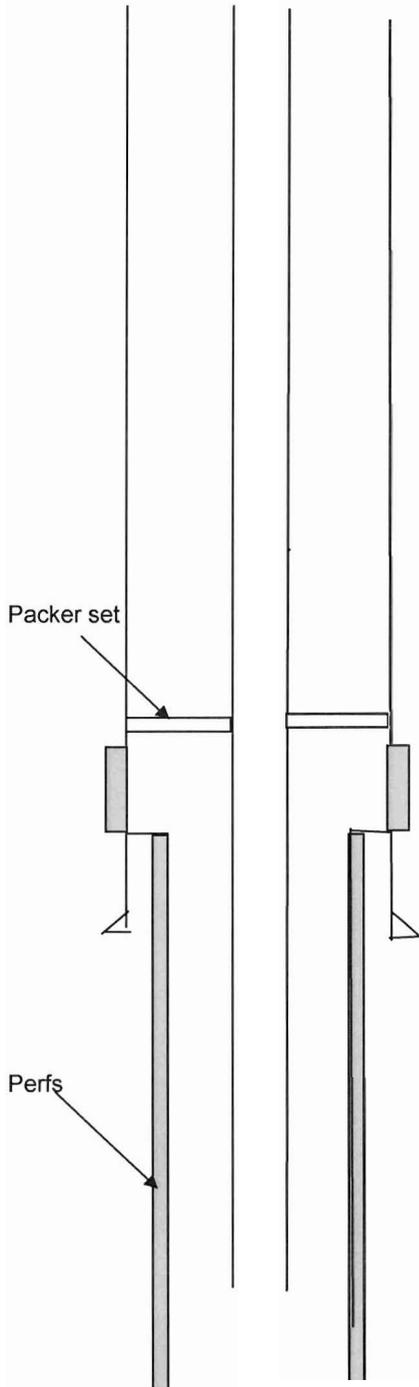
16. Swab test the interval prior to acidizing to determine the rate, oil cut and fluid level. Catch an oil sample for compatibility testing with the acid.
17. Acidize the interval with 5,000 gals of 15% HCl with standard additives and 200 7/8", 1.3 SG ball sealers for diversion. Treat at 8-10 BPM limiting the pressure not to exceed 10,000 psi differential across the plug at 10,915'. Use the fluid level from step 4 to determine the static pressure below the plug.
18. Swab test to determine rate, cut and fluid level. Swab until the pH is five or greater.
19. Release packer and POOH. TIH with tubing and retrieve the plug, POOH with plug.
20. Run production equipment. Final rod design and pump size will be based on the swab rates.

**PERFORATION DETAIL ATTACHED SEPARATELY**

4/27/2010  
JDA

**Shaw 2-27A2  
Stage 1- Acid Job**

**Total Acid Vol: 7,000 gals**



**ACID PROCEDURE:**

- Establish circulation with produced water.
- Pump 5,300 gallons of 15% HCl acid.
- Shutdown- Set packer
- Pump 1,700 gallons of 15% HCl acid.
- Displace acid & overflush with 7,000 gallons produced water.
- Swab test well.

**Wellbore data:**

End of Int Casing: 12006 ft  
Liner top @ : 11437 ft  
PBSD: 14050 ft

**Perforations data:**

Top (existing): 11160 ft  
Btm (existing): 14037 ft (Bottom open perf)  
Top (new): 11178 ft  
Btm (new): 12956 ft

**Tubing data:**

End of tubing: 14000 ft  
Packer depth: 11050 ft  
Tubing below pkr: 2950 ft

**Capacities (bbl/ft)**

Annulus of tbg-intermediate-	0.0379 bbls/ft	1.59 gal/ft
Annulus of tbg&liner-	0.0141 bbls/ft	0.59 gal/ft
Tubing-	0.0058 bbls/ft	0.24 gal/ft

**Volume Calculations (bbls & gals)**

Annulus of tbg-intermediate-	14.7 bbls	616 gals
Annulus of tbg&liner-	36.1 bbls	1518 gals
Tubing-	81.2 bbls	3410 gals
<b>Total volume to packer-</b>	<b>132.0 bbls</b>	<b>5544 gals</b>
<b>Total volume in well-</b>	<b>550.8 bbls</b>	<b>23134 gals</b>

**DEVON ENERGY PRODUCTION COMPANY  
 SHAW 2-27A2 STAGE 1  
 PROPOSED ADDITIONAL WASATCH PERFORATIONS.**

Top of Interval	Base of Interval		NET	SPF	Holes	
11178	11188	7-5/8" csg	10	4	40	3-1/8" HSC
12106	12112	5-1/2" Inr	6	4	24	3-1/8" HSC
12170	12180	5-1/2" Inr	10	4	40	3-1/8" HSC
12648	12660	5-1/2" Inr	12	4	48	3-1/8" HSC
12952	12956	5-1/2" Inr	4	4	16	3-1/8" HSC

Net Feet of New Perfs:		42
Number of Total New Intervals :		5
Number of New Holes:		168

Depth Reference: SLB's Cement Bond Log dated 3/19/1987

**DEVON ENERGY PRODUCTION COMPANY**  
**SHAW 2-27A2            Stage 2**  
**PROPOSED LOWER GREEN RIVER PERFORATIONS.**

**ALL PERFS in 7-5/8" Casing**

**RBP TO BE SET @ ~10,915'.**

Top of Interval	Base of Interval		NET	SPF	Holes	
9636	9640		4	4	16	4-1/2" HSC
9650	9656		6	4	24	4-1/2" HSC
9776	9784		8	4	32	4-1/2" HSC
9848	9852		4	4	16	4-1/2" HSC
10126	10140		14	4	56	4-1/2" HSC
10402	10407		5	4	20	4-1/2" HSC
10520	10532		12	4	48	4-1/2" HSC
10652	10656		4	4	16	4-1/2" HSC
10855	10860		5	4	20	4-1/2" HSC

Net Feet of New Perfs:		62
Number of Total New Intervals :		9
Number of New Holes:		248

Depth Reference:            SLB's Cement Bond Log dated 3/19/1987

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> SHAW 2-27A2
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<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	<b>PHONE NUMBER:</b> 405 552-7883 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1161 FSL 2217 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 27 Township: 01.0S Range: 02.0W Meridian: U	<b>9. FIELD and POOL or WILDCAT:</b> BLUEBELL  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>	<input type="checkbox"/> <b>ALTER CASING</b>	<input type="checkbox"/> <b>CASING REPAIR</b>
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 7/2/2010	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	<input type="checkbox"/> <b>CHANGE TUBING</b>	<input type="checkbox"/> <b>CHANGE WELL NAME</b>
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	<input type="checkbox"/> <b>CONVERT WELL TYPE</b>
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>DEEPEN</b>	<input type="checkbox"/> <b>FRACTURE TREAT</b>	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> <b>PLUG BACK</b>
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>
	<input checked="" type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>
	<input type="checkbox"/> <b>TUBING REPAIR</b>	<input type="checkbox"/> <b>VENT OR FLARE</b>	<input type="checkbox"/> <b>WATER DISPOSAL</b>
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	<input type="checkbox"/> <b>APD EXTENSION</b>
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>OTHER</b>	OTHER: _____

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

Subsequent report for Notice of Intent dated 5/5/2010 and approved on 5/11/2010 to recomplete well. Cleanout to 14,117'. Perforate Wasatch 11,178 - 12,956', 42', 5 intervals, 168'. Set pkr @ 8,330'. Swab test. Acidize w/ 7000 gals 15% HCL acid w/ standard additives. Swab test. Release and LD pkr @ 8,330'. Set composite bridge plug @ 10,914', 1 sack cement on plug. Perforate Lower Green River 9,636 - 10,860', 62', 9 intervals, 248 holes. Set pkr @ 8,330'. Acidize w/ 5000 gals 15% HCL acid w/ standard additives and 200 perfpac 7/8 OD ball sealers for diversion. Swab test. Release & LD pkr @ 8,330'. Return to production from Lower Green River perforations 9,636 - 10,860'.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 July 13, 2010

<b>NAME (PLEASE PRINT)</b> Deanna Bell	<b>PHONE NUMBER</b> 435 353-5780	<b>TITLE</b> Senior Field Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/7/2010	



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>			
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... <b>5,639.00</b>	KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>	TH Elev (ft) <b>5,639.00</b>
Job Category <b>RECOMPLETION</b>	Primary Job Type <b>COMPLETION</b>	Secondary Job Type <b>ADD PAY</b>					
Job Start Date <b>5/24/2010 06:00</b>	Job End Date <b>7/2/2010 14:00</b>	AFE Number <b>154261</b>	Total AFE + Sup Amount <b>319,750</b>				
Contractor, Rig Name <b>STONE WELL SERVICE LLC</b>	Rig Number <b>3</b>	Rig Type <b>WO/COMP/PU-ONSHORE</b>					
Job Phase	Act Dur (days)	PI Cum Days ML (days)	Actual Phase Cost	Planned Likely Phase Cost	Cost Var ML		

<b>Report # 1</b>							
Report Start Date <b>5/24/2010 06:00</b>	Report End Date <b>5/25/2010 06:00</b>	Daily Cost <b>5,060</b>	Cum Cost To Date <b>5,060</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
 -CREW TRAVEL AND TAIL GATE MEETING.  
 -HOT OILER AND HEAT CSG W/ 100 BBLs AND 30 SIDE STRING.  
 -RD HORSE HEAD AND UNSEAT PUMP.  
 -FLUSH TBG W/ 100 BBLs AND TOH W/ RODS, RODS GET OILY AND HAVE TO FLUSH W/ 30 BBLs, FINISH TOH AND LD PUMP.  
 -ND PRODUCTION TREE, UN STING SIDE STRING.  
 -WAIT ON X-OVER SPOOL. RIG MAINT.  
 -SPOOL SHOW UP, TRY TO NU AND DIDNT FIT OVER TBG NIPPLE ON TBG HANGER.  
 -NU PRODUCTION TREE, SWIFN.  
 -SDFN, CREW TRAVEL. - 24

<b>Report # 2</b>							
Report Start Date <b>5/25/2010 06:00</b>	Report End Date <b>5/26/2010 06:00</b>	Daily Cost <b>3,982</b>	Cum Cost To Date <b>9,042</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
 CREW TRAVEL AND TAIL GATE MEETING.  
 -RIG MAINT. WAIT ON X-OVER SPOOL FROM GRACO.  
 -NU X-OVER FLANGE AND BOP, TALLY AND POOH W/ 2 1/16" SIDE STRING TBG, LD STINGER.  
 - ND BOP AND X-OVER TO 2 7/8" TBG EQUIPMENT.  
 -UNSET TAC, STRIP ON BOP.  
 -TOH AND TALLY, POOH W/ 1700' OF TBG AND HANG UP, TRY TO PULL THROUGH , RI W/ STAND TBG AND GIVE SOME RIGHT, PO AND PULL INTO @ SAME PLACE, TRY TO WORK THROUGH INCH @ A TIME GIVING RIGHT, WRK THROUGH 6" AND TBG TORQUED UP, ( TAC @ TIGHT SPOT 7522', CIRC SHOE @ TIGHT SPOT 5168')  
 -TIH W/ 1 JT EOT @ +/-7704', LEAVE CSG TO PROD. LINE.  
 -SDFN, CREW TRAVEL. - 24

<b>Report # 3</b>							
Report Start Date <b>5/26/2010 06:00</b>	Report End Date <b>5/27/2010 06:00</b>	Daily Cost <b>26,067</b>	Cum Cost To Date <b>35,109</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
 CREW TRAVEL AND TAIL GATE MEETING.  
 -BLEED OFF PRESSURES, PULL ON TBG AND WORK THROUGH GIVING RIGHT, PULL FREE, TOH W/ 2 STANDS AND HANG UP AGAIN, GIVE RIGHT AND WORK THROUGH, TOH SLOW LD CIRC SHOE AND BHA, TBG COME MORE THAN TBG DETAIL.  
 -PU/MU BIT AND SCRAPER, TIH ON X-OVER - PSN - 293 JTS, HIT A TIGHT SPOT @ +/- 9219', WORKED PAST AND MADE 1' AND STACKED OUT W/ 10K ON IT, PULL UP ABOVE AND PULL OVER 9K TO PULL OUT.  
 -TOH W/ 5 JTS, EOT @ 9065', LEAVE CSG TO SELLS.  
 -SDFN, CREW TRAVEL. - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>			
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... <b>5,639.00</b>	KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>	TH Elev (ft) <b>5,639.00</b>

<b>Report # 4</b>							
Report Start Date <b>5/27/2010 06:00</b>	Report End Date <b>5/28/2010 06:00</b>	Daily Cost <b>5,447</b>	Cum Cost To Date <b>40,556</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
C.T. - SAFETY MEETING - RIH W/RODS

CHECK PSI; SLIGHT BLOW FROM CSG; S.STRING 0#;  
FINISH RIH W/96JTS OF 1.9" TBG, & A 2"X2"X2"X8"X8"X6"X1.9" PUP JTS TO SPACE WITH - LAND S.STRING ON SPLIT HANGER W/8K COMPRESSION - N.D. BOPS - LIFT UP ON 2 7/8" TBG STRING TO DROP 1.9" HANGER INTO WELLHEAD - N.U. & TIGHTEN WELLHEAD - C/O TO ROD EQUIP - POUR 15# OF SCALE PELLETS 10 GALS OF ROD CHEMICAL DOWN 2 7/8" TBG - P.U. & PRIM PUMP, M.U. 21' DIP TUBE & SCREEN, RIH W/3' STAB SUB, 222 SLICK 3/4", 125 SLICK 7/8", 126 SLICK 1", & 2X2', 4', 6', 10X1" PONIES TO SPACE WITH - P.U. NEW  
1 1/2" X 36' POLISH ROD - TOOK 68BBLs TO FILL TBG - PSI TEST TO 1000#, HELD - BLEED OFF & STROKE TEST W/RIG TO 1000#, HELD, GOOD TEST - R.U. HORSEHEAD - R.D. RIG 5 & EQUIP - ROAD RIG 7.2 MILES TO THE SHERMAN 2-12B2

9 HRS RIG  
1 HR TRAVEL  
THANK YOU!! - 24

<b>Report # 5</b>							
Report Start Date <b>5/28/2010 06:00</b>	Report End Date <b>5/29/2010 06:00</b>	Daily Cost <b>4,962</b>	Cum Cost To Date <b>45,518</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
-CREW TRAVEL AND TAIL GATE MEETING.

-BLEED OFF TBG AND CSG PRESSURES, TOH W/ TBG AND LD 6 1/8" BIT AND BIT SUB.

-PU/MU 4 1/2" BIT, TIH ON X-OVER - SCRAPER - BIT SUB - 354 JTS OUT OF DEREK.  
-PU AND TALLY IN HOLE W/ 96 JTS AND TAG PBSD @ 14117', LD 1 JT AND TOH W/ 100 JTS, EOT @ 10953', LEAVE CSG TO SELLS.  
-SDFN, CREW TRAVEL. - 24

<b>Report # 6</b>							
Report Start Date <b>6/1/2010 06:00</b>	Report End Date <b>6/2/2010 06:00</b>	Daily Cost <b>8,965</b>	Cum Cost To Date <b>54,483</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
CREW TRAVEL AND TAIL GATE MEETING.

-BLEED OFF PRESSURES ON TBG AND CSG.  
-TIH W/ TBG TO PBSD @ 14,117', RU PUMP AND LINES, PUMP 300 BBLs AND NO CIRCULATION.  
-WAIT ON HOT OILER.

-HOT OILER SHOW UP AND FLUSH TBG W/ 80 BBLs.  
-TOH W/ 188 JTS AND TBG GET OILY.

-RU HOT OILER AND FLUSH W/ 40 BBLs.

-TOH W/ 228 JTS AND GET OILY.  
-RU HOT OILER AND FLUSH W/ 30 BBLs.

-FINISH TOH W/ TBG, LD 5 1/2" SCRAPER.

-RU HYDROTEST EQUIPMENT, PU/MU 4 1/2" BIT AND BIT SUB, HYDROTEST IN HOLE W/ 90 JTS, EOT @ 2826' LEAVE CSG TO SELLS.  
-SDFN, CREW TRAVEL. - 24

<b>Report # 7</b>							
Report Start Date <b>6/2/2010 06:00</b>	Report End Date <b>6/3/2010 06:00</b>	Daily Cost <b>10,254</b>	Cum Cost To Date <b>64,737</b>	Depth End (ftKB) <b>0.0</b>			

Time Log Summary  
CREW TRAVEL AND TAIL GATE MEETING.

-START HYDRO TESTING TBG IN HOLE, HYDROTEST LINE MESSED UP, CUT AND TRY TO RE-HEAD AND LINE IS STRETCHED.  
-WAIT NEW LINE, RIG MAINTENANCE.

-RU LINE TO HYDROTEST TRUCK.  
-HYDROTEST TBG IN HOLE, NONE BLOWN 449 JTS TOTAL TESTED.  
-RD HYDROTEST EQUIPMENT.

-TOH W/ 100 JTS TBG AND STAND BACK IN DEREK, EOT @ +/- 10,953', LEAVE CSG TO SELLS.  
-SDFN, CREW TRAVEL. - 24



**Well Chronology**

District ROCKY MOUNTAIN	County DUCHESNE	Field Name BLUEBELL	Project Group UINTA	State/Province UT			
Surface Legal Location 27-1-S 2-W-6	API/UWI 4301331184	Latitude (DMS) 40° 21' 45.24" S	Longitude (DMS) 110° 5' 50.33" E	Ground Elev ... 5,639.00	KB - GL (ft) 28.00	Orig KB Elev (ft) 5,667.00	TH Elev (ft) 5,639.00

<b>Report # 8</b>							
Report Start Date 6/3/2010 06:00	Report End Date 6/4/2010 06:00	Daily Cost 3,825	Cum Cost To Date 68,562	Depth End (ftKB) 0.0			

Time Log Summary  
CREW TRAVEL AND TAIL GATE MEETING.

-SLIGHT PRESSURE ON TBG AND CSG, BLEED OFF.  
-TOH W/ 18 JTS IN DEREK, EOT @ 10,388'.

-RU PUMP AND LINES AND ATTEMPT TO CIRCULATE, 351 BBLs TO FILL CSG, TOTAL OF 407 BBLs TO CATCH CIRCULATION, ESTIMATED FL @ +/- 9100', ROLL THE HOLE TO CIRCULATE OUT GAS, 509 BBLs TOTAL PUMPED.  
-RD PUMP EQUIPMENT, TOH W/ TBG, LD BIT AND BIT SUB.  
-LEAVE CSG TO SELLS, SDFN, CREW TRAVEL - 24

<b>Report # 9</b>				
Report Start Date 6/4/2010 06:00	Report End Date 6/5/2010 06:00	Daily Cost 4,717	Cum Cost To Date 73,279	Depth End (ftKB) 0.0

Time Log Summary  
-CREW TRAVEL AND TAIL GATE MEETING.

-O PRESSURE ON TBG AND CSG, RU PSI WL AND RIH W/ CALIPER TOOL TO LOG BAD SPOT IN CSG.  
-RD WL. PU/MU 7 5/8" HD PKR, TIH ON 266 JTS AND STACK OUT W/ 7K ON, PULL UP AND PULL 7K OVER TO GET OUT.  
-TOH W/ TBG AND LD 7 5/8" HD PKR.  
-MU TOOLS ON GROUND AND WELD ON CONNECTIONS SO WILL NOY BACK OUT.  
-TIH W/ 6 1/8" BIT - BIT SUB - 1 JT - X-OVER - 6 3/4" STRING MILL - X-OVER - 260 JTS 2 7/8" TBG, EOT @ +/- 8224', LEAVE CSG TO SELLS.

-SDFN, CREW TRAVEL. - 24

<b>Report # 10</b>				
Report Start Date 6/7/2010 06:00	Report End Date 6/8/2010 06:00	Daily Cost 8,930	Cum Cost To Date 82,209	Depth End (ftKB) 0.0

Time Log Summary  
-CREW TRAVEL AND TAIL GATE MEETING.

-BLEED OFF TBG AND CSG PRESSURE. TIH AND NO TAG ON TIGHT SPOT LD 7 JTS, RU PUMP AND POWER SWIVEL, STRING MILL @ +/- 8225', EOT @ +/- 8256, TIGHT SPOT @ 8382'.

-PUMP AND CATCH CIRCULATION W/ 544 BBLs, CLEAN OUT W/ 7 JTS TO EOT @ 8429', STRING MILL @ +/- 8398'.  
-TIH W/ TBG TO EOT @ 9101', STRING MILL @ +/- 9070', LD 8 JTS AND TIH W/ 4 STANDS OUT OF DEREK.  
-RU PUMP AND POWER SWIVEL, CLEAN OUT 8 JTS TO +/- 9349' GETTING ALOT OF SCALE IN RETURNS, LET CLEAN UP.  
-LD 66 JTS TBG ON TRAILER TO CLEAN OUT W/ AND TIH W/ 64 JTS OUT OF DEREK, EOT @ +/- 9287', LEAVE CSG TO SELLS.  
-SDFN, CREW TRAVEL. - 24

<b>Report # 11</b>				
Report Start Date 6/8/2010 06:00	Report End Date 6/9/2010 06:00	Daily Cost 6,960	Cum Cost To Date 89,169	Depth End (ftKB) 0.0

Time Log Summary  
-CREW TRAVEL AND TAIL GATE MEETING.

-0 PSI ON TBG AND CSG, TIH W/ 2 JTS, RU PUMP AND POWER SWIVEL, 260 BBLs TO CATCH CIRCULATION. CLEAN OUT FROM 9349' 66 JTS TO LINER TOP @ 11,437', LET CLEAN UP, BOTTOMS UP, 907 BBLs LOSS.

-TOH W/ 74 JTS AND STAND BACK IN DEREK, 288 JTS IN HOLE EOT @ +/- 9069', LEAVE CSG TO SELLS.

-SDFN, CREW TRAVEL.

NOT AS MUCH SCALE IN RETURNS BUT DID HIT SPOTS OF SCALE DURING CLEAN OUT. - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev... <b>5,639.00</b>
			KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>
				TH Elev (ft) <b>5,639.00</b>

**Report # 12**

Report Start Date <b>6/9/2010 06:00</b>	Report End Date <b>6/10/2010 06:00</b>	Daily Cost <b>4,582</b>	Cum Cost To Date <b>93,751</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

CREW TRAVEL AND TAIL GATE MEETING.

-0 PSI ON TBG AND CSG, TOH W/ TBG AND TURN TBG TO THE RIGHT THROUGH 8429' TO 9070' TO CLEAN UP A LITTLE, TOH AND LD STRING MILL AND STINGER ASSEMBLY.

-PU/MU 7 5/8" HD PKR AND TIH ON 1 JT - PSN - 266 JTS AND HIT THE SAME TIGHT SPOT @ 8382', SET 3K ON IT AND TAKE 6K OVER TO PULL OUT, TRY 4 TIMES.

-TOH W/ TBG, LD PKR, PKR SCARED MORE ON GUAGE RING AND ELEMENT SPACERS, LEAVE CSG TO SELLS.

-SDFN, CREW TRAVEL. - 24

**Report # 13**

Report Start Date <b>6/10/2010 06:00</b>	Report End Date <b>6/11/2010 06:00</b>	Daily Cost <b>5,077</b>	Cum Cost To Date <b>98,828</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-STRAP AND STACK 6 3/4" WATERMELON MILL ON STRING MILL. 0 PSI ON CSG, ON VACCUME.

-TIH W/ 6 3/4" CONE BIT - BIT SUB - 1 JT - X-OVER - 6 3/4" STRING MILL - 6 3/4" WATERMELON MILL - X-OVER - 4' 2 7/8" SUB - 188 JTS AND TAG TIGHT SPOT @ 8382'.

-RU PUMP AND POWER SWIVEL, 398 BBLS TO CATCH CIRCULATION, RI AND MILL ON TIGHT SPOT, START TO CATCH TORQUE @ 8380' AND WORK DOWN TO MILLS @ 8382' AND STALL OUT POWER SWIVEL, MAKE A TOTAL OF +/- 1.5".

-LET CLEAN BOTTOMS UP TO CHECK RETURNS. SHAVINGS OF METAL ON MAGNET, NO SCALE IN RETURNS. 331 BBLS LOSS

-RD PUMP AND POWER SWIVEL, TOH W/ TBG, LD MILL AND STINGER ASSEMBLY.

-PU/MU 7 5/8" HD PKR, TIH ON 2 JTS - PSN - 263 JTS, SET PKR AND TEST CSG W/ 101 BBLS, TEST.

-TOH W/ TBG, 147 JTS IN HOLE, EOT @ +/- 4615'. - 24

**Report # 14**

Report Start Date <b>6/11/2010 06:00</b>	Report End Date <b>6/12/2010 06:00</b>	Daily Cost <b>12,572</b>	Cum Cost To Date <b>111,400</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-0 PSI, TOH W/ TBG AND LD HD PKR, WAIT ON WIRE LINE.

-RU PERFERATORS WL, RIH W/ PERF GUN, MAKE 2 GUN RUNS, PERF 11,178' - 12,956', POOH AND LD GUNS, RD WL EQUIP.

-PU/MU NOTCHED COLLAR AND TIH ON, 39 JTS - PSN - 142 JTS - 7 5/8" HD PKR - 265 JTS.

-SET PKR @ +/- 8330' IN 15K COMPRESSION. RU PUMP, 149 BBLS TO FILL CSG, PRESSURE TEST TO 1000 PSI, TEST AND HOLD NO LEAKS. BLEED OFF CSG.

-RU SWAB EQUIPMENT, SWIFN.

-SDFN, CREW TRAVEL. - 24

**Report # 15**

Report Start Date <b>6/14/2010 06:00</b>	Report End Date <b>6/15/2010 06:00</b>	Daily Cost <b>4,275</b>	Cum Cost To Date <b>115,675</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-BLEED OFF CSG PRESSURE, 0 PSI ON TBG, RU SWAB EQUIPMENT, RIH IFL @ +/- 7700' STACK OUT ON HARD OIL, POOH AND RIH W/ HARD CUPS, CANT GET PAST 2200', POOH AND RIH W/ SINKER BARS AND MANDRIL TO 8200', POOH AND RIH W/ 1/2" WIRE CUP TO 8200', POOH AND SWAB BACK 96% OIL, GET SWAB TO GO DOWN AND TAG FLUID @ 7700' RUNS # 5 - 7 FLUID LEVEL STAY @ 7700' THEN START DROPPING @ +/- 200' PER RUN, MAKE A TOTAL OF 22 RUNS, 82 BBLS REC, EFL @ 9300'.

-SDFN, CREW TRAVEL - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>			
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... <b>5,639.00</b>	KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>	TH Elev (ft) <b>5,639.00</b>

**Report # 16**

Report Start Date <b>6/15/2010 06:00</b>	Report End Date <b>6/16/2010 06:00</b>	Daily Cost <b>18,368</b>	Cum Cost To Date <b>134,043</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING,  
-SLIGHT PRESSURE ON CSG, 0 PSI ON TBG, ON VAC, BLEED OFF CSG AND LOAD W/ 15 BBLS TO FILL CSG,  
-RU HALL ACID EQUIP. FILL TBG W/ PROD WATER AND UNSET PKR, SPOT ACID, SET PKR AND PRESSURE CSG W/ RIG PUMP TO 1000 PSI,PUMP AWAY ACID.  
-RD HALL. ACID EQUIP, RU SWAB EQUIP.  
-RIH AND SWAB, IFL @ 5700', FLUID LEVEL DROPPING +/- 200' PER RUN, NO OIL, GAS CUT WHOLE SWAB TEST, MAKE A TOTAL OF 17 RUNS, 51 BBLS REC. NO OIL OR ACID, VERY GAS CUT, WAS ONLY ABLE TO PULL BACK +/- 3 BBLS PER RUN, SWIFN.  
-SDFN, CREW TRAVEL. - 24

**Report # 17**

Report Start Date <b>6/16/2010 06:00</b>	Report End Date <b>6/17/2010 06:00</b>	Daily Cost <b>4,058</b>	Cum Cost To Date <b>138,101</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.  
-SITP 20 PSI, SICP 125 PSI, RU SWAB EQUIPMENT, IFL @ 8600' AVG, RUNS STAYED BETWEEN 8900' TO 9100', MORE SOLID FLUID AFTER RUN # 9 WAS ONLY GETTING BACK 3 BBLS PER RUN , THEN GO BACK TO BEING GAS CUT. PH LEVEL STAYED 6, TOTAL OF 82 BBLS SWABBED TODAY, 132 BBLS TOTAL RECOVERED SWIFN  
-SDFN, CREW TRAVEL. - 24

**Report # 18**

Report Start Date <b>6/17/2010 06:00</b>	Report End Date <b>6/18/2010 06:00</b>	Daily Cost <b>5,365</b>	Cum Cost To Date <b>143,466</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

CREW TRAVEL AND TAIL GATE MEETING.  
-SITP 20 PSI, SICP 100 PSI, BLEED OFF PRESSURES AND RI SWAB EQUIP. IFL @ 9100', NO OIL SLIGHT GAS CUT, MAKE A TOTAL OF 10 RUNS, 42 BBLS SWABBED AND 174 BBLS TOTAL RECOVERED, FLUID LEVEL STAYED BETWEEN 8700' AND 9500' NO OIL, GAS CUT, RUNS #6-10 MORE WATER AND LESS GAS CUT.  
-RU PUMP AND LINES, PUMP 55 BBLS DOWN TBG, UNSET PKR, TOH W/ TBG, LD PKR, PSN, NOTCHED COLLAR, SWIFN.  
-SDFN, CREW TRAVEL - 24

**Report # 19**

Report Start Date <b>6/18/2010 06:00</b>	Report End Date <b>6/19/2010 06:00</b>	Daily Cost <b>13,027</b>	Cum Cost To Date <b>156,493</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.  
-SLIGHT PRESSURE ON CSG, BLEED OFF AND RU PERFERATORS EQUIPMENT, PU AND RIH W/ 7 5/8" AND GET STUCK CCL @ 9503', PLG @ 9514'  
-RU RIG PUMP AND TRICKLE 388 TO FILL CSG, ESTIMATED FL @ 8458' AND HOLD 300 PSI ON WHILE TRY TO PULL WL TOOLS FREE, NO MOVEMENT, PULL WL OUT OF SOCKET, POOH AND RD WIRE LINE EQUIPMENT.  
-WAIT FISHING TOOLS. RIG MAINT.  
-PU/MU GRAPPLE AND TIH ON BUMPER SUB - SUPER JAR - X-OVER - 302 JTS TO CCL TOP @ 9501'.  
- LATCH ON AND PULL 10K OVER AND FEEL LIKE TI SLIPPED OFF, SET ON AGAIN AND PULL 20K OVER AND FEEL LIKE SLIPPED OFF.  
-TOH W/ TBG, LD CCL AND SETTING SLEEVE,SWIFN.  
-SDFN, CREW TRAVEL. - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... KB - GL (ft) <b>5,639.00 28.00</b>
				Orig KB Elev (ft) <b>5,667.00</b>
				TH Elev (ft) <b>5,639.00</b>

**Report # 20**

Report Start Date <b>6/21/2010 06:00</b>	Report End Date <b>6/22/2010 06:00</b>	Daily Cost <b>4,782</b>	Cum Cost To Date <b>161,275</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

CREW TRAVEL AND TAILGATE MEETING.

-SICP O PSI, PU/MU 6 3/4" CONE BIT, TIH ON X-OVER SUB - 1 JT - PSN - 302 JTS AND TAG CFP @ 9513'

-RU PUMP AND POWER SWIVEL, 70 BBLS TO CATCH CIRCULATION, CIRCULATE OUT OIL.

-SOME OIL ON RETURNS, DRILL ON PLUG AND LOSE CIRCULATION AFTER DRILLING 1 MIN W/ 2000# ON PLUG, DRILL OUT AND CHASE W/ 1 JT.

-RD PUMP AND POWER SWIVEL, TIH W/ TBG AND TAG BOTTOM PLUG CONE 2 LINER TOP.

-TOH W/ TBG, LD PSN, BIT SUB AND BIT. SWIFN.

-SDFN, CREW TRAVEL. - 24

**Report # 21**

Report Start Date <b>6/22/2010 06:00</b>	Report End Date <b>6/23/2010 06:00</b>	Daily Cost <b>4,932</b>	Cum Cost To Date <b>166,207</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-SLIGHT PRESSURE ON CSG, BLEED OFF PRESSURES, WAIT ON WELDER TO STRAP WATER MELON MILL.

-WELDER SHOW UP AND STRAP MILL AND STINGER ASSEMBLY.

-TIH W/ 6 3/4" CONE BIT - BIT SUB - 1 JT - WATERMELON MILL AND X-OVERS - 4' SUB - 268 JTS, TAG UP TIGHT SPOT @ 8389'.

-RU PUMP AND POWER SWIVEL.

-TRY TO MILL AND CLEAN UP TIGHT SPOT, DRILLING VERY HARD AND TORQUING UP.

-RD PUMP LINES AND POWER SWIVEL, TOH W/ TBG LD BHA AND WAIT ON WELDER.

-WELDER SHOW SHOW UP AND CUT STRAPS ON BIT AD BIT SUB, 1 JT. MU 6' SUB AND COLLAR ON WATERMELON MILL ASSEMBLY.

-TIH ON 248 JTS TBG, EOT @ 7800', SWIFN.

-SDFN, CREW TRAVEL, - 24

**Report # 22**

Report Start Date <b>6/23/2010 06:00</b>	Report End Date <b>6/24/2010 06:00</b>	Daily Cost <b>6,057</b>	Cum Cost To Date <b>172,264</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-0 PSI ON TBG AND CSG, TIH W/ TBG AND MAKE IT PAST TIGHT SPOT @ 8382', CONT. IN HOLE AND TAG TIGHT SPOT @ 9192'.

-RU PUMP LINES AND POWER SWIVEL, MILL ON TIGHT SPOT AND CLEAN UP, CLEANING UP SLOWLY AND MOVING CONSISTANT, 395 BBLS TO CATCH CIRCULATION, FALL THROUGH @ 9198', CHASE W/ 1 JT.

-RD POWER SWIVEL, LD 2 JTS. TIH W/ TBG TO EOT @ 11,008'.

-RU PUMP AND LINES, CIRCULATE HOLE CLEAN.

-TOH W/ TBG AND PULLED OVER 1000# @ CLEAN UP POINT 9192' - 9198' TAKE 1000# TO PUSH THROUGH, FINISH TOH, SWIFN.

-SDFN CREW TRAVEL. - 24

**Report # 23**

Report Start Date <b>6/24/2010 06:00</b>	Report End Date <b>6/25/2010 06:00</b>	Daily Cost <b>18,512</b>	Cum Cost To Date <b>190,776</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-SLIGHT PRESSURE ON CSG, BLEED OFF, PU/UM SETTING TOOL AND HYDRAULIC SET PLUG, TIH ON 347 JTS 2 7/8" TBG, PLUG @ +/- 10,914'.

-RU PUMP AND SPOY 15 BBLS, DROP SHEAR BALL AND PUMP 40 BBLS AND SEE HYDRAULIC PLUG SET, PUMP ANOTHER 35 BBLS TO MAKE SURE PLUG SHEARED OFF.

-TOH W/ TBG, LD SETTING TOOLS.

-RU WL, RIH W CMT BAILER AND DUMP BAIL 1 SK CMT ON PLUG, POOH W/ TOOLS AND RD WL. SWIFN

-SDFN, CREW TRAVEL. - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... <b>5,639.00</b>
			KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>
				TH Elev (ft) <b>5,639.00</b>

<b>Report # 24</b>				
Report Start Date <b>6/25/2010 06:00</b>	Report End Date <b>6/26/2010 06:00</b>	Daily Cost <b>14,268</b>	Cum Cost To Date <b>205,044</b>	Depth End (ftKB) <b>0.0</b>

Time Log Summary  
- CREW TRAVEL AND HOLD TAILGATE MEETING

- 0 PSI CSG,RU PUMP 191 BBLS FILL CSG, TEST CSG 1000 PSI HELD, BLEED CSG OFF,

- RU PERFERATER WL, RIH W/ PER GUNS, MAKE 3 RUNS, PERF 9,636' - 10,860', POOH AND LD GUNS, RD WL EQUIP,

- PU/MU NOTCHED COLLAR, TIH 1 JT, PSN, 37 JTS, 7 5/8" PKR HD, 265 JT,

- SET PKR @ +/- 8330', IN 15 K, RU PUMP 31 BBLS TO FILL CSG, PRESURE TEST 1000 PSI, TEST AND HELD NO LEAKS BLEED OFF WELL,

-SWIFN, CREW TRAVEL - 24

<b>Report # 25</b>				
Report Start Date <b>6/28/2010 06:00</b>	Report End Date <b>6/29/2010 06:00</b>	Daily Cost <b>14,901</b>	Cum Cost To Date <b>219,945</b>	Depth End (ftKB) <b>0.0</b>

Time Log Summary  
CREW TRAVEL AND TAIL GATE MEETING.

-RU HALL. ACID TRUCK TO TBG. RU RIG PUMP TO CSG AND PUMP UP TO 1000 PSI.

-PUMP ACID JOB, TBG GO ON VAC. BLEED OFF CSG PRESSURE AND RD HALL. PUMP LINES.

-IFL @ 3500', FLUID DROP TO +/- 5400' TO 5600', RUN #9 OIL CUT TO 2% OIL CUT, 39 BBLS REC, RUN #13 OIL CUT @ 84% 56 BBLS RECOVERED, FLUID LEVEL STAY @ +/- 5400', RUN # 17 OIL CUT @ 84%, GAS CUT.

RUNS #19 - 22 FL COME UP TO 4300' TO 4500', TOTAL OF 22 RUNS, LAST OIL CUT 90%, GAS CUT, 119 BBLS TOTAL RECOVERED, SWIFN.

-SDFN, CREW TRAVEL. - 24

<b>Report # 26</b>				
Report Start Date <b>6/29/2010 06:00</b>	Report End Date <b>6/30/2010 06:00</b>	Daily Cost <b>4,058</b>	Cum Cost To Date <b>224,003</b>	Depth End (ftKB) <b>0.0</b>

Time Log Summary  
-CREW TRAVEL AND TAIL GATE MEETING.

-SITP 180 PSI, X-OUT OIL SAVER RUBBER, RIH W/ SWAB AND IFL @ 5800', OIL CUT @ 90%, GAS, FLUID LEVEL STAYED @ +/- 4700' AFTER RUN #7 TO RUN #16.

-SHUT IN TBG AND LET PRESSURE BUILD AND FLUID LEVEL.

-PRESSURE BUILT TO 225 PSI, AND BLED OFF, MAKE A RUN AND FLUID LEVEL COME UP TO 2200', GAS CUT. FLUID LEVEL DROP TO 6400', 26 RUNS TOTAL, 134 BBLS RECOVERED TODAY, 253 BBLS TOTAL RECOVERY AFTER ACID, EFL @ 6400', 90% OIL CUT, VERY GAS CUT. SWIFN.

-SDFN CREW TRAVEL. - 24

<b>Report # 27</b>				
Report Start Date <b>6/30/2010 06:00</b>	Report End Date <b>7/1/2010 06:00</b>	Daily Cost <b>6,990</b>	Cum Cost To Date <b>230,993</b>	Depth End (ftKB) <b>0.0</b>

Time Log Summary  
CREW TRAVEL AND TAIL GATE MEETING.

-SITP 540 PSI, SICP 0, BLEED OFF TBG, RU SWAB EQUIP AND RIH, IFL @ 6300', POOH AND RD SWAB EQUIP.

-RU PUMP, PUMP 50 BBLS TBG TO EQUALIZE, UNSET PKR.

-LD 104 ON TBG TRAILERS, 111 JTS HAULED OFF TOTAL, TOH W/ TBG LD PSN, PKR, AND NOTCHED COLLAR.

-X-OVER TO 3 1/2" TBG EQUIP, PU/MU 3 1/2" BULL PLUG AND COLLAR, TIH ON 2 JTS 3 1/2" TOP SLOTTED, X-OVER - PSN - 1 JT - TAC - 124 JTS - 7 5/8" CIRC SHOE - 218 JTS TBG, EOT @ +/- 10835', SWIFN.

-SDFN, CREW TRAVEL. - 24



**Well Chronology**

District <b>ROCKY MOUNTAIN</b>	County <b>DUCHESNE</b>	Field Name <b>BLUEBELL</b>	Project Group <b>UINTA</b>	State/Province <b>UT</b>			
Surface Legal Location <b>27-1-S 2-W-6</b>	API/UWI <b>4301331184</b>	Latitude (DMS) <b>40° 21' 45.24" S</b>	Longitude (DMS) <b>110° 5' 50.33" E</b>	Ground Elev ... <b>5,639.00</b>	KB - GL (ft) <b>28.00</b>	Orig KB Elev (ft) <b>5,667.00</b>	TH Elev (ft) <b>5,639.00</b>

**Report # 28**

Report Start Date <b>7/1/2010 06:00</b>	Report End Date <b>7/2/2010 06:00</b>	Daily Cost <b>4,422</b>	Cum Cost To Date <b>235,415</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

-CREW TRAVEL AND TAIL GATE MEETING.

-SITP 40 PSI, SICP 40 PSI, BLEED OFF PRESSURES, ND BOP.  
-SET TAC IN 20K TENSION AND LAND IN WELL HEAD, TBG STRING IS 218 JTS 2 7/8" TBG - 7 5/8" CIRC SHOE @ 6864' - 124 JTS - TAC SET @ 10765' IN 20K TENSION.  
-X-OVER TO 2 1/16" TBG EQUIPMENT, NO BOP.

-PU/MU 2 1/16" STINGER AND TIH ON 205 JTS, 10'x8'x2'x2'x 2 1/16" PUP JTS TO SPACE OUT, ND BOP AND LAND SIDE STRING IN 6K COMPRESSION.  
-NU WELL HEAD AND RU HOT OILER TO TBG, FLUSH W/ CHEM AND 90 BBLs.  
-TIH W/ 1" RODS, LD 19 JTS, PU AND TEST PUMP, TIH ON 164 JTS 3/4" SLICK - 136 JTS 7/8" SLICK, PU POLISH ROD AND X-OVER, SWIFN.

-SDFN, CREW TRAVEL. - 24

**Report # 29**

Report Start Date <b>7/2/2010 06:00</b>	Report End Date <b>7/3/2010 06:00</b>	Daily Cost <b>-11,828</b>	Cum Cost To Date <b>223,587</b>	Depth End (ftKB) <b>0.0</b>
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Time Log Summary

CREW TRAVEL AND TAIL GATE MEETING.

-LD POLISH ROD AND TIH W/ 129 JTS 1" SLICK, SPACE OUT, RU HOT OILER AND FILL W/ 55 BBLs AND PRESSURE UP TO 1000 PSI, BLEED OFF AND STROKE TEST PUMP W/ RIG TO 1000 PSI, TEST AND HOLD NO LEAKS, 9 STROKES W/ RIG, ROD DETAIL IS, 129 JTS 1" SLICK - 136 JTS 7/8" SLICK - 164 JTS 3/4" SLICK.  
-RU HORSE HEAD. MOVE OFF LOCATION - 24

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**

<b>FROM:</b> (Old Operator): DEVON ENERGY PRODUCTION COMPANY L.P. N1275 333 WEST SHERIDAN AVENUE OKLAHOMA CITY OK 73102-5015	<b>TO:</b> ( New Operator): LINN OPERATING INC N4115 1999 BROADWAY STE 3700 DENVER CO 80202  303-999-4275
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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"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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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SEP 16 2014  
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

**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
<del>BOREN 1-14A2</del>	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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DIV. OF OIL, GAS & 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.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> See Attached Well List
<b>2. NAME OF OPERATOR:</b> LINN OPERATING, INC		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: _____ COUNTY: <u>Duchesne</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <u>UTAH</u>		<b>8. WELL NAME and NUMBER:</b> See Attached Well List
<b>PHONE NUMBER:</b> (303) 999-4275		<b>9. API NUMBER:</b>
		<b>10. FIELD AND POOL, OR WILDCAT:</b> Bluebell/Altamont

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

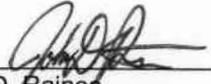
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (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	

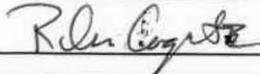
**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** Clearly show all pertinent details including dates, depths, volumes, etc.

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 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>

(This space for State use only)

**APPROVED**

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachael Medina

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SEP 16 2014  
DIV. OF OIL, GAS & MINING

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

COUNTY:      UINTAH  
STATE:      UTAH

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

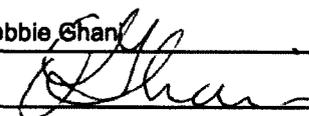
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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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**SEP 23 2014**  
Div. of Oil, Gas & Mining





**SHAW 2-27A2 DRILL OUT PLUG AND RETURN WELL TO PRODUCTION**

Date: 8/23/2016

**WELL HEADER/GENERAL INFORMATION**

Well Name	API #	KB	S CSG Shoe	Prod CSG Size	Prod TBG Size	PBTD	EST TOC F/CBL
SHAW 2-27A2	43013311840000	28	4,382'	7-5/8" 29.7# P110/S95/N80 with 5.5" 23# N80 LINER	2-7/8" 6.5# N-80 and	10,914'	5,900'

NOTE: All deaths in program from KB - see attachments for WB Diagram & perf details

**SUMMARY OF PROCEDURE GOALS/JUSTIFICATIONS:**

LINN Operating, Inc. requests permission to drill out the existing bridge plug at 10,914' above the existing wasatch perforations and return the well to production.

**GENERAL PROPOSED PROCEDURE:**

**NOTE: MAKE SURE TO KEEP 1,000' KILL STRING IN HOLE EACH NIGHT WHEN OPERATIONS ARE SHUT DOWN.**

- MIRU workover rig and 107 ITS of 2-7/8" N80 workstring
- Soft seat pump and pressure test tubing
- POOH with rods/pump
- NU BOP's test per SOPs
- LD side string
- Unset TAC and POOH with tubing hot oiling to clean hole
- MU Bit (with collars or heavy weight tubing) for drill out of 7-5/8" plug in 29.7# P-110 casing
- RU Hydrotester and test existing tubing to 9,000 psi back in hole
- RIH with existing tubing + workstring as needed and drill up plug @ 10,914' with 10' cement plug on top
  - Continue in hole and tag liner and then circulate hole clean (use foam unit if needed)
- POOH and LD bit for 7-5/8" Casing
- MU Insert Scale Mill Bit for 5-1/2" 23# N-80 casing on workstring + existing tubing
- RIH to PBTD @ 14,050'
- POOH and circulate hole clean if possible (use foam unit if needed)
- RIH with tubing and rods
- RDMO and PWOP

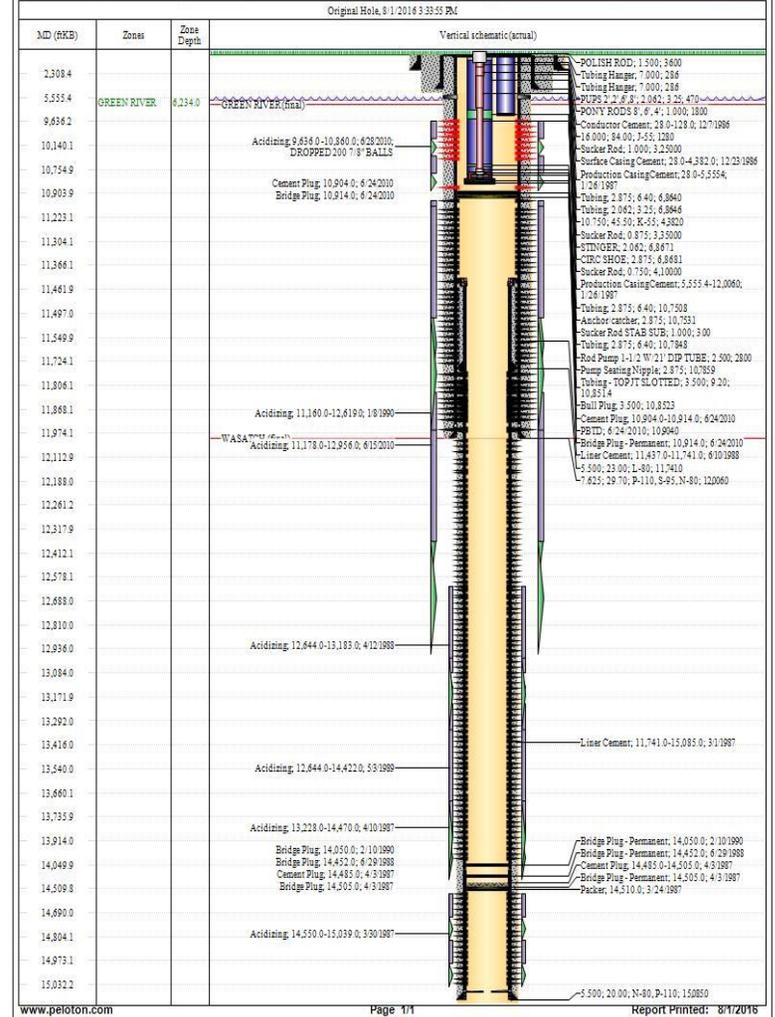
**WELLBORE FOR SHAW 2-27A2 DRILL OUT PLUG AND RETURN WELL TO PRODUCTION**



**Downhole Well Profile-Wellbore Only**

Well Name: SHAW 2-27A2

APRNUM	Field Name	County	State/Province	Section	Township	Range	Survey	Block
43013311840000	Lincoln - Adams - J. Adams	Duchesne	UT	27	001-S	002-W		
Ground Elevation (ft)	Orig KB Elev (ft)	KB-Grid (ft)	Inst Spd Date	Rig Release Date	TD Date	Latitude (°)	Longitude (°)	Operator
5,639.00	5,667.00	28.00	12/8/1986	3/6/1987	2/28/1987	40° 21' 45.018" N	110° 5' 50.597" W	Yes



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Page 1/1

Report Printed: 8/12/2016

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: SHAW 2-27A2
2. NAME OF OPERATOR: LINN OPERATING, INC.	9. API NUMBER: 43013311840000
3. ADDRESS OF OPERATOR: 600 Travis St. Suite 5100 , Houston, TX, 77002	PHONE NUMBER: 435 722-1325 Ext
	9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1161 FSL 2217 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 27 Township: 01.0S Range: 02.0W Meridian: U	COUNTY: DUCHESNE
	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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/29/2016	<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 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 checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Drill out existing BP"/>

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

Linn Operating, Inc. respectfully reports the operations summary between the dates 9/19/16 thru 9/29/16 to the Shaw 2-27A2. Drill out the existing bridge plug above the existing Wasatch perforations and return well to surface.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 19, 2016

NAME (PLEASE PRINT) Andrea Gurr	PHONE NUMBER 435 722-1325	TITLE Regulatory Specialist 1
SIGNATURE N/A	DATE 10/10/2016	



## Operations Summary

**Well Name: SHAW 2-27A2**

<b>API/UWI</b> 43013311840000	<b>Surface Legal Location</b> 27-1-S 2-W-6	<b>County</b> Duchesne	<b>State/Province</b> UT
<b>Initial Spud Date</b> 12/8/1986	<b>Rig Release Date</b> 3/6/1987	<b>KB-Ground Distance (ft)</b> 28.00	<b>Ground Elevation (ft)</b> 5,639.00
<b>Job Category</b> Workover/Maint	<b>Primary Job Type</b> Cleanout	<b>Secondary Job Type</b> Cleanout	<b>Start Date</b> 9/19/2016
			<b>End Date</b> 9/29/2016
<b>9/19/2016 07:00 - 9/19/2016 18:00</b>			
<b>Operations at Report Time</b> MIRU.		<b>Operations Next Report Period</b> LD side string.	
<b>Operations Summary</b> Fish rods.			
Com			
SITP 50 psig. SICP 100 psig. Review JSA. MIRU Royal WS #2. Circ side string w/50 bbls htd wtr. TOH to rod part: Parted pin on 148th 7/8" N-97 rod @ 3,700'. Fish rods & soft seat pmp. PT tbg to 3,000 psig, gd tst. Unseat pmp & flshd tbg w/60 BW. TOH w/partial rods. SWI & SDFN.			
<b>9/20/2016 07:00 - 9/20/2016 18:00</b>			
<b>Operations at Report Time</b> TOH w/rods.		<b>Operations Next Report Period</b> TOH w/prod tbg.	
<b>Operations Summary</b> LD side string.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. TOH w/rods & pmp. ND WH. NU BOP. TOH & LD 205 jts, 2-1/16" side string. Rlsd 5-1/2" TAC @ 10,750'. TOH w/82 jts tbg. EOT @ 8,252'. SWI & SDFN.			
<b>9/21/2016 07:00 - 9/21/2016 18:00</b>			
<b>Operations at Report Time</b> TOH w/prod tbg.		<b>Operations Next Report Period</b> Circ well w/AFU.	
<b>Operations Summary</b> TIH w/bit & tbg.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. Cont'd to TOH w/prod tbg & BHA. TIH w/6-3/4" bit & tbg to 8,000'. MIRU AFU. Estb circion w/AFU in 1 hr & 15 min. Circ cln. Cont'd to TIH w/tbg & tgd @ 11,404'. (CIBP @ 10,914' ?) & liner top @ 11,437'. RU pwr swivel. Prep for AFU. SWI & SDFN.			
<b>9/22/2016 07:00 - 9/22/2016 19:00</b>			
<b>Operations at Report Time</b> Tgd 5-1/2" liner top.		<b>Operations Next Report Period</b> C/O 5-1/2" liner.	
<b>Operations Summary</b> Round trip to change bit.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. Attd to circ well w/AFU for 3 hrs w/no success. Rotate down & made approx 8' & tgd @ 11,412' SLM (Poss liner top). RD pwr swivel & AFU. TOH w/tbg & 6-3/4" bit. TIH w/4-5/8" scale insert mill & tbg. Tgd @ 11,412' but were unable to get into liner. RU pwr swivel & AFU. SWI & SDFN.			
<b>9/23/2016 07:00 - 9/23/2016 16:00</b>			
<b>Operations at Report Time</b> C/O 5-1/2" liner.		<b>Operations Next Report Period</b> Run gyro.	
<b>Operations Summary</b> C/O liner & circ cln.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. MIRU 2nd AFU & estb circion in 2 hrs. D/O obstruction in 7-5/8" csg fr/11,412'- 11,419' & fell thru. Circ for 1 hr. RD pwr swivel & AFU. Cont'd to TIH 5-1/2" liner. Tgd PBTD @ 14,052'. PUH to 13,958'. RU AFU & circ cln. Flshd tbg w/70 bbls htd wtr. Prep to run gyro. SWI & SDFWE.			
<b>9/27/2016 07:00 - 9/27/2016 18:00</b>			
<b>Operations at Report Time</b> Run gyro.		<b>Operations Next Report Period</b> TIH w/prod tbg.	
<b>Operations Summary</b> TOH w/tbg & bit.			
Com			
SITP 0 psig. SICP 250 psig. Review JSA. Flshd tbg w/95 bbls htd wtr. MIRU SLU. Run gyro fr/13,925' to surf. RDMO SLU. TOH w/340 jts 2-7/8" tbg. EOT @ 3,200'. SWI & SDFN.			
<b>9/28/2016 07:00 - 9/28/2016 17:00</b>			
<b>Operations at Report Time</b> TOH w/remaining tbg.		<b>Operations Next Report Period</b> TIH w/rods.	
<b>Operations Summary</b> Hydro tst tbg.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. TOH w/remaining tbg & 4-5/8" bit. MIRU Hydro tstr. TIHw/BHA & prod tbg tstg to 7,500 psig (no leaks). RDMO hydro tstr. Ld tbg on well as follows: 380 jts 2-7/8" tbg, 8K burst sub, 5-1/2" Black Gold Hyd TAC, 1 jt tbg, SN, 2- 4' perf subs, 2 jts tbg & 2-7/8" BP. ND BOP. NU WH. Prep to run rods. SWI & SDFN.			
<b>9/29/2016 07:00 - 9/29/2016 18:00</b>			
<b>Operations at Report Time</b> LD 3/4" rods.		<b>Operations Next Report Period</b> RWTP.	
<b>Operations Summary</b> TIH w/rods.			
Com			
SITP 0 psig. SICP 0 psig. Review JSA. TIH w/146 - 3/4" N-97 rods. TOH & LD same. TIH w/30'x 1-1/4" dip tube, 2.5"x 1.5"x 28' RHBC pmp ( #5180), 16-1-1/2" sbs w/stab, 183- 3/4" D rods, 183- 7/8" D rods, 127- 1" N-97 rods, 1- ", 1- 4' x 1" pony rods & 1-1/2"x 36' PR. Seat pmp & PT tbg to 900 psig w/40 BW, gd tst. HWO. RDMO RWS #2. RWTP.			