

001

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

FORM 3

AMENDED REPORT   
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: <b>FEE</b>	6. SURFACE: Fee
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: Devon Energy Production Company, L. P.		8. UNIT or CA AGREEMENT NAME: <del>None</del> <b>NW-498</b>	
3. ADDRESS OF OPERATOR: 20 North Broadway CITY Oklahoma City STATE OK ZIP 73102		PHONE NUMBER: (405) 552-8125	9. WELL NAME and NUMBER: Sundance 3-14A2
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 970' FNL & 980 FWL <b>571897X 40,40033</b> AT PROPOSED PRODUCING ZONE: Same <b>4472385Y -110,08207</b>		10. FIELD AND POOL, OR WILDCAT: Upper Green River <b>Bluebell</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: The location is 3-miles southwest of Neola, Utah.		12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 970'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 2400'	19. PROPOSED DEPTH: 8,500	20. BOND DESCRIPTION: No. 71S1007530226-70	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5708' GR	22. APPROXIMATE DATE WORK WILL START: 10/10/2004	23. ESTIMATED DURATION: 30-Days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	8 5/8" K-55 STC 32#	3,500	Low Density	1280	1.94 cf/sk 12.5
			Class "G"	370	1.17 cf/sk 15.8
7 7/8"	5 1/2" N-80 LTC 17#	8,500	Class "V"	330	3.83 cf/sk 11
			Class "G"	520	1.22 cf/sk 14.3

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- COMPLETE DRILLING PLAN
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Billy Johnson TITLE Operations Technician

SIGNATURE *Billy Johnson* DATE 9/20/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-013-32678

Approved by the  
Utah Division of  
Oil, Gas and Mining

APPROVAL  
Date: 10-25-04  
By: *[Signature]*  
(See Instructions on Reverse Side)

RECEIVED

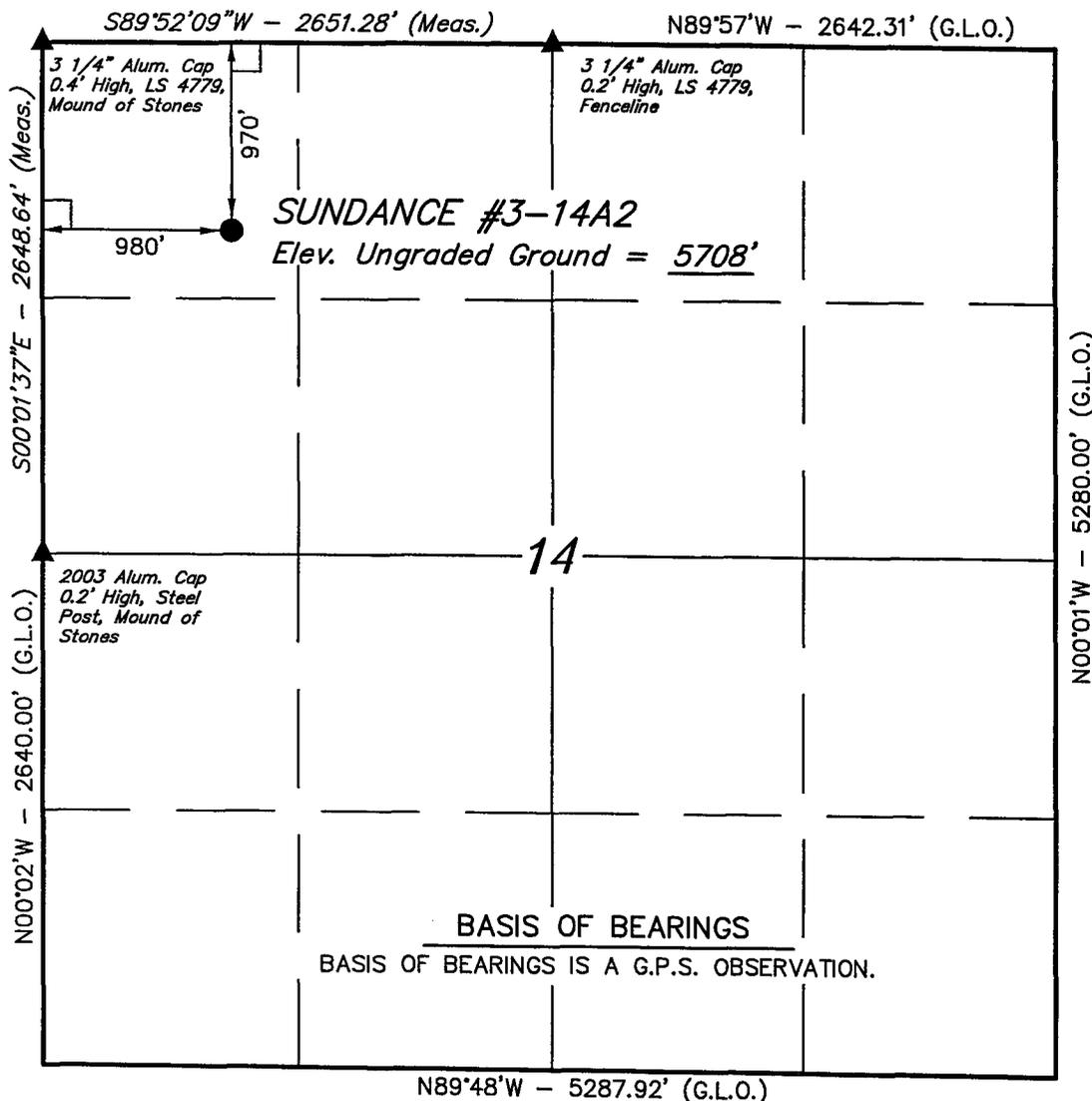
SEP 23 2004

DIV. OF OIL, GAS & MINING

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

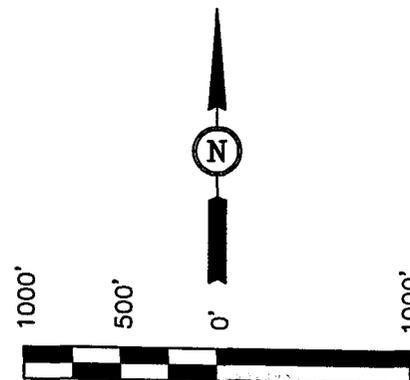
DEVON ENERGY PRODUCTION COMPANY, L.P.

Well location, SUNDANCE #3-14A2, located as shown in the NW 1/4 NW 1/4 of Section 14, T1S, R2W, U.S.B.&M., Duchesne County, Utah.



**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 22, T1S, R2W, U.S.B.&M. TAKEN FROM THE NEOLA QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5808 FEET.



**BASIS OF BEARINGS**  
 BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

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.

S. C. A. L. I. E. D. SURVEYORS  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH  
*Robert A. Hay*

**LEGEND:**

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

(AUTONOMOUS NAD 83)  
 LATITUDE =  $40^{\circ}24'01.14''$  (40.400317)  
 LONGITUDE =  $110^{\circ}04'57.92''$  (110.082756)  
 (AUTONOMOUS NAD 27)  
 LATITUDE =  $40^{\circ}24'01.30''$  (40.400361)  
 LONGITUDE =  $110^{\circ}04'55.37''$  (110.082047)

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-01-04	DATE DRAWN: 09-07-04
PARTY G.S.    W.L.    D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DEVON ENERGY PRODUCTION COMPANY, L.P.	

The logo for Devon Energy, featuring the word "devon" in a stylized, lowercase, serif font.

20 North Broadway, Suite 1500 Telephone: (405) 235-3611  
Oklahoma City, Oklahoma 73102-8260 Fax: (405) 552-7636

September 23, 2004

Utah Division of Oil Gas & Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

**RE: Sundance 3-14A2  
Duchesne Co, Utah**

Dear Sir or Madam:

Please correct the application submitted by me September 20, 2004, to drill the subject well by removing and replacing the previous Drilling and Surface Use Plans with this revision that is attached.

Please call me at (405) 552-8125, or message me at [Billy.Johnson@dvn.com](mailto:Billy.Johnson@dvn.com) if you have more concerns or need more information.

Sincerely,

A handwritten signature in cursive script that reads "Billy Johnson".

Billy Johnson  
Operations Technician

RECEIVED  
SEP 27 2004  
DIV. OF OIL, GAS & MINING

## DRILLING PLAN

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL:** Sundance 3-14A2  
**WELL LOCATION:** 970' FNL & 980' FWL  
NW NW Section 14, T1S, R2W  
Duchesne Co, Utah

1. ESTIMATED TOPS AND IMPORTANT GEOLOGICAL FORMATIONS:

Upper Green River	6450'
RTD	8500'

2. ESTIMATED OIL AND WATER DEPTHS

Water	1000' - 3,500'
Gas and Oil, <sup>Upper</sup> Lower Green River	6,450' - 8,500'

3. HOLE SIZE, CASING, AND CEMENT PROGRAM:

- A. **CONDUCTOR HOLE:** 0 to 80 ft
- Drill a 26" hole to 80'.
  - Set 16" conductor pipe.
  - Cement with ready mix concrete at 6 bags per yard or by the displacement method if the hole is wet.
- B. **SURFACE HOLE:** 80' to 3,500'
- Drill a 12 1/4" hole to 2500'
  - Set 8 5/8" 36 # J-55 STC
  - Cement to surface with 1280 sx of 50/50/Poz Premium AG300 lead slurry of a low density (12.5 ppg, Yield - 1.94 cu ft/sk) filler and tail in with 370 sacks of Premium AG300 ( est coverage 500', 15.8 ppg, yield - 1.17 cu ft/sk ). These numbers are with 100 percent excess. One inch the annulus with 100 sacks of Class "G" to displace the low density slurry at the top.
- C. **PRODUCTION HOLE:** 3,500' - 8,500'
- Drill a 7 7/8" hole to 8,500'.
  - Set 5 1/2" 17# N-80 LTC casing at TD.
  - Cement to surface with Halliburton Hi Fill lead cement mixed at 11 ppg, yield - 3.83 cu ft/sk and tail in with 50/50/Poz Premium AG300 tail slurry mixed at 14.3 ppg, yield - 1.22 cu ft/sk, (approx 2,600' fill). Cement will be calculated from open hole caliper log with 10% excess over caliper. A DV tool may used to cement if necessary.

4. OPERATORS PRESSURE CONTROL PLAN.

*Schematics #2, #3 & #4 are for BOPE equipment to be used.  
The BOP equipment will be nipped up on the surface casing and  
pressure tested prior to drilling.*

- a. All rams and choke manifold will be tested to 5000 psi.
- b. Annular preventer will be tested to 50% of its rated working pressure.
- c. The 8 5/8" casing string will be tested to 1500 psi.
- d. Record all BOP tests on tour reports.
- e. Retest BOP stack every 28 days or when a pressure seal is broken.
- f. The fill-up line will be above the annular preventer.
- g. The kill line will be located below the double rams.
- h. Pipe rams will be operated once every 24 hours.
- g. Blind rams will be operated on trips.

5. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- a. Upper and lower kelly cocks will be used.
- b. A full opening drill pipe stabbing valve will be on the rig floor.

6. PROPOSED DRILLING FLUID PROGRAM:

A. ***SURFACE HOLE:*** 80 to 3,500'.

- a. Drill from below conductor casing with water. Mud up to clean and condition the hole prior to running surface casing.
- b. All water flows will be controlled using barite and gel.

B. ***PRODUCTION HOLE:*** 3,500' to 8,500'.

- a. Drill out with freshwater circulating through the reserve pit. Mix lime and gel as needed to clean the hole and walnut and sawdust as needed for seepage down to +/- 6,450'.
- b. Continue drilling from 6,450' to TD with a freshwater EZ-Mud fluid system. Final fluid properties: 8.8 – 9.2 ppg, 34 – 48 vis, <12 WL, 5 – 15 PV and 6 – 12 YP, weighting up with barite as the wellbore pressure dictates.

7. WELL BORE EVALUATION:

- a. Coring: None Anticipated
- b. Drill Stem Testing: None Anticipated
- c. Logs for Production Hole: Triple Combo from TD to surface casing. Mud logger will be on location from +/- 3,500' to TD.
- d. Completion: The objective formation is the Upper Green River. Selected intervals will be perforated and evaluated for stimulation.

8. PRESSURES AND TEMPERATURES:

- a. No pressures or temperatures abnormal to the field have been noticed or reported in wells drilled in this area.

- b. Estimated bottom hole temperature is 140 degrees.
- c. Estimated bottom hole pressure is estimated at 3000 psi based on mud weights on other wells drilled in the area.

9. ANTICIPATED STARTING DATE:

- a. Construction will start October 10, 2004 or as soon as an approved APD is received.

10. OTHER INFORMATION:

- a. Topography: Located on a small ridge in a generally flat area.
- b. Soil Characteristics: Sandy with clay.
- c. Flora: Small cedars, sage brush and grass.
- d. Fauna: Domestic: Cattle and horses
- e. Wildlife: Deer, rodents, rabbits.
- f. Surface Use: Range land subdivided into 10 acre lots, no development in the area.
- g. Surface Owner: Hilton G. Gardner, 507 Mint Green Circle, Salt Lake City, UT 84107. Devon Energy Production Company, L. P. has verbally reached a Surface Use Agreement. The written and signed agreement will be supplied to the State of Utah BOGM as soon as it becomes available to Devon.
- h. Well is approximately 4 1/2 driving-miles southeast of Neola, Utah.
- j. The closest dwelling will be approximately 1/2 mile of the well.

11. LEASEE'S OR OPERATOR'S REPRESENTATIVES:

John Pulley, Senior Petroleum Engineer	435-353-5785
George Gurr, Production Foreman	435-353-5782
Tom Jantz, Operations Engineering Advisor	405-552-4560
Dave Ault, Drilling Engineering Advisor	405-228-4243
Billy Johnson, Operations Technician & Regulatory	405-552-8125

12. REGULATORY CONTROL:

This well will be drilled per regulations as set forth by the Utah Division of Oil, Gas, & Mining and the Bureau of Land Management.

# THIRTEEN POINT SURFACE USE PLAN

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL:** Sundance 3-14A2  
**WELL LOCATION:** 970' FNL & 980' FWL  
NW NW Section 14, T1S, R2W  
Duchesne Co, Utah

## 1. EXISTING ROADS

- A. See Area Topography Map. No plans to modify or improve any of the existing State or County roads, however, a 3,500' access road will be constructed off the Boren #3-11A2 lease road as shown on "B TOPO".
- B. Directions to location: From Neola, Utah, travel West on paved road 4.4 miles, turn South and travel 1.4 miles, then turn East and travel 1.1 mile on existing lease road to proposed access road, turn south on to the new access road 3500' on the proposed Sundance 3-14A2 location.

## 2. ACCESS ROADS TO BE CONSTRUCTED OR RECONSTRUCTED

An access road approximately 3,500' long will be built leading into the location from the north off of the Boren #3-11A2 lease road. The road will be built with material in place. Gravel and road base will be purchased from at commercial source.

## 3. LOCATION OF EXISTING WELLS WITHIN ONE MILE

See the attached "C TOPO" topography map. There are seven other wells within a one mile radius of the proposed Sundance 3-14A2 well, all active are operated by Devon Energy Production Company, L.P. and are listed as follows:

API Well Number	Operator	Well Name	Well Type	Well Status
43-013-31192-00-00	DEVON ENERGY PROD CO LP	BOREN 3-11A2	Oil Well	Producing
43-013-31299-00-00	DEVON ENERGY PROD CO LP	CORNABY 2-14A2	Oil Well	Producing
43-013-31333-00-00	DEVON ENERGY PROD CO LP	SUNDANCE 4-15A2	Oil Well	Producing
43-013-30006-00-00	DEVON ENERGY PROD CO LP	STATE 1-10A2 (3-10C)	Gas Well	Shut-In
43-013-30086-00-00	DEVON ENERGY PROD CO LP	L BOREN U 3-15A2	Oil Well	Producing
43-013-30277-00-00	PENNZOIL EXPLOR & PROD CO	L BOREN U 2-11A2	Oil Well	Plugged and Abandoned
43-013-30035-00-00	DEVON ENERGY PROD CO LP	FLY/DIA L BOREN 1- 14A2	Oil Well	Producing

## 4. LOCATION OF PRODUCTION FACILITIES IF PRODUCTIVE.

- A. All production equipment will be set on the existing drilling pad.

## THIRTEEN POINT SURFACE USE PLAN

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL:** Sundance 3-14A2  
**WELL LOCATION:** 970' FNL & 980' FWL  
NW NW Section 14, T1S, R2W  
Duchesne Co, Utah

- B. No water disposal line is planned for this location. ROW for the gas sales and power lines will be the responsibility of the companies providing the service.
- C. Disturbed areas no longer needed for operations will be graded back to near original state as possible, and seeded.

### 5. LOCATION AND TYPE OF WATER SUPPLY

- A. Fresh water will be purchased and trucked from a fresh water pond belonging to Mr. Daniel R Lamb, Route 1 Box 1382, Montwell, Utah 84066, in the NW of Section 10 – T1S – R2W, Phone No. (435) 353-4090. If water from another source is used the proper permits will be obtained and submitted to the Division of Oil, Gas and Mining prior to using the source.
- B. Brine water, if necessary, will be trucked to location from existing Devon wells in the area.

### 6. CONSTRUCTION MATERIALS

Dirt for construction will come from the site. Gravel and road base will be purchased from a commercial supply.

### 7. METHODS FOR DISPOSING OF WASTE MATERIALS.

- A. Drill cuttings will be settled out in the reserve pit. The pit will be lined with a 12-mil nylon reinforced plastic liner.
- B. The liquids in the pit will be hauled off to an approved disposal (RNI of Roosevelt, Utah disposal #4357220773) site.
- C. Fluids produced during production testing will be caught and stored in steel tanks. The fluids will be disposed of in a proper manner.
- D. Sewage facilities, storage, and disposal will be furnished by a commercial contractor.
- E. Trash will be contained in trash baskets then hauled to an approved disposal dump. No trash will be burned on location.
- F. Gas will be flared in the flare pit.

## THIRTEEN POINT SURFACE USE PLAN

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL:** Sundance 3-14A2  
**WELL LOCATION:** 970' FNL & 980' FWL  
NW NW Section 14, T1S, R2W  
Duchesne Co, Utah

8. **ANCILLARY FACILITIES**

None

9. **WELLSITE LAYOUT**

A. See the attached cut and fill sheet for details.

B. The flare pit will be in the Northeast corner of the location.

C. Location will be constructed from material in place, gravel for road and location will be purchased from a commercial source. The top soil and cedars will be stored along the northeast corner of the location.

10. **PLAN FOR RESTORATION OF SURFACE**

A. All surface area not required for production operations will be graded to as near original condition as possible and contoured to minimize erosion.

B. The flare pit will be backfilled immediately after drilling operations are complete.

C. The liquid in the reserve pit will be hauled out in a timely manner and the reserve pit backfilled. If there will be a delay, the reserve pit will be fenced.

11. **SURFACE OWNERSHIP**

A. The surface is owned by Hilton G. Gardner 507 Mint Green Circle Salt Lake City, UT 84107.

B. Devon Energy Production Company, L. P. will be negotiating surface damage settlements with all parties for the access road and location.

12. **OTHER INFORMATION**

A. The location is in sage brush and cedars

B. The surface has been subdivide, no activity.

C. The closest dwellings are located approximately  $\frac{3}{4}$  mile south or west.

13. **COMPANY REPRESENTATIVE**

**THIRTEEN POINT SURFACE USE PLAN**

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL:** Sundance 3-14A2  
**WELL LOCATION:** 970' FNL & 980' FWL  
NW NW Section 14, T1S, R2W  
Duchesne Co, Utah

Mr. George Gurr  
Devon Energy Production Company, L.P.  
P.O. Box 290  
Neola, Utah 84053

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Devon Energy Production Company, L. P. and its contractors and subcontractors in conformity with the plan, terms, and conditions under which it is approved.

*George Gurr*

*(BG)*

9-23-2004

**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**SUNDANCE #3-14A2**  
 LOCATED IN DUCHESNE COUNTY, UTAH  
 SECTION 14, T1S, R2W, U.S.B.&M.

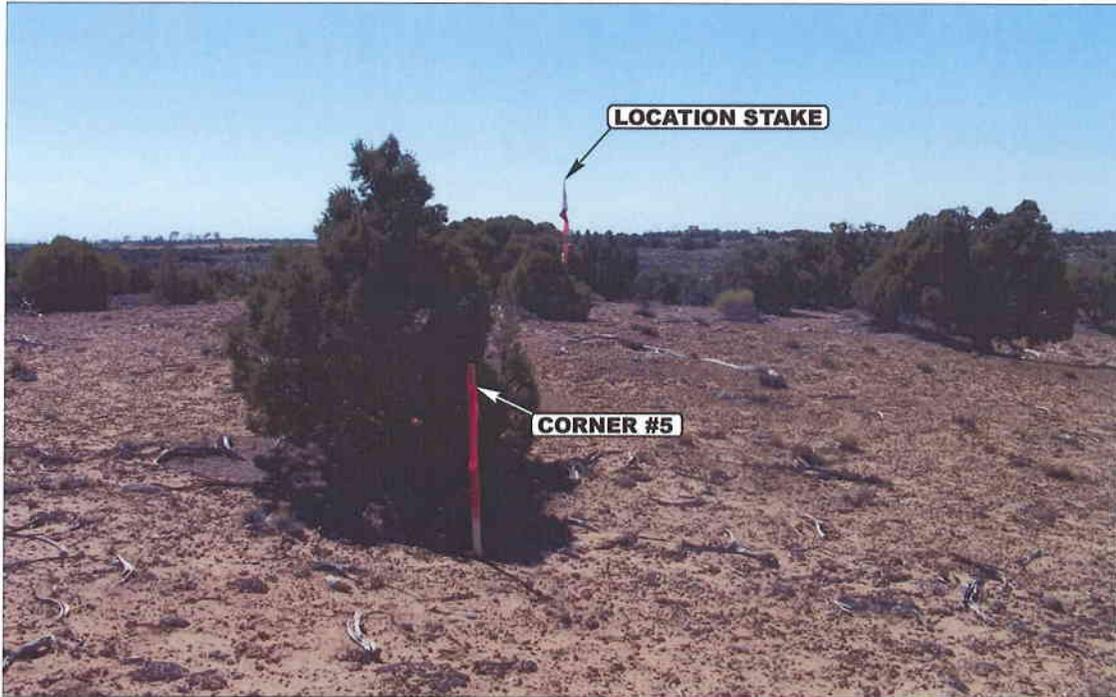


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



**UELS** Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 435-789-1017 uels@uelsinc.com

- Since 1964 -

<b>LOCATION PHOTOS</b>	<b>09</b>	<b>03</b>	<b>04</b>	<b>PHOTO</b>
	MONTH	DAY	YEAR	
TAKEN BY: G.S.	DRAWN BY: P.M.		REVISED: 00-00-00	



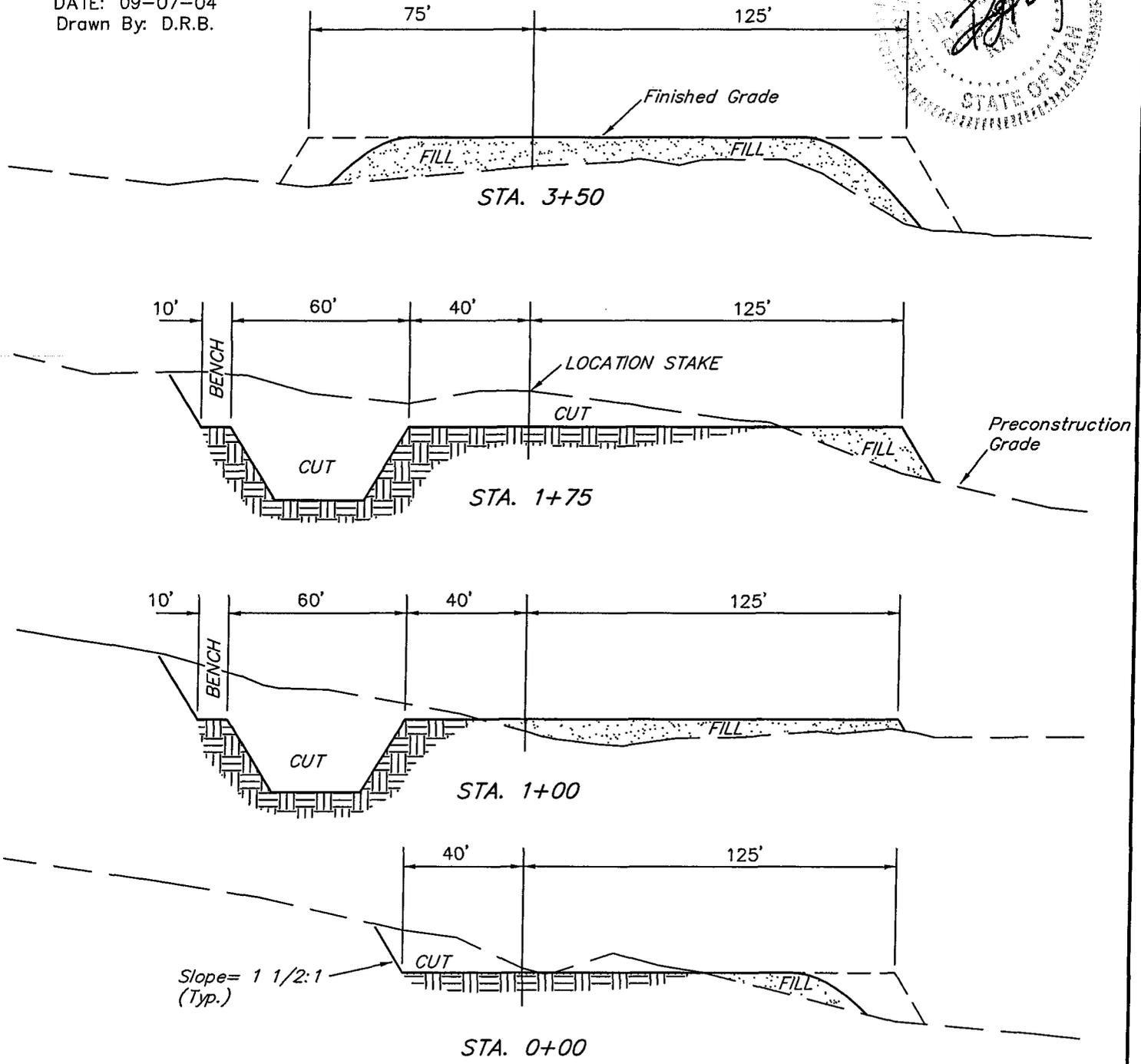
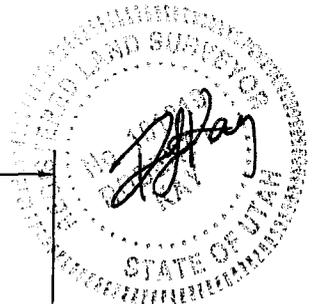
# DEVON ENERGY PRODUCTION COMPANY, L.P.

## TYPICAL CROSS SECTION FOR

SUNDANCE #3-14A2  
SECTION 14, T1S, R2W, U.S.B.&M.  
970' FNL 980' FWL

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

DATE: 09-07-04  
Drawn By: D.R.B.

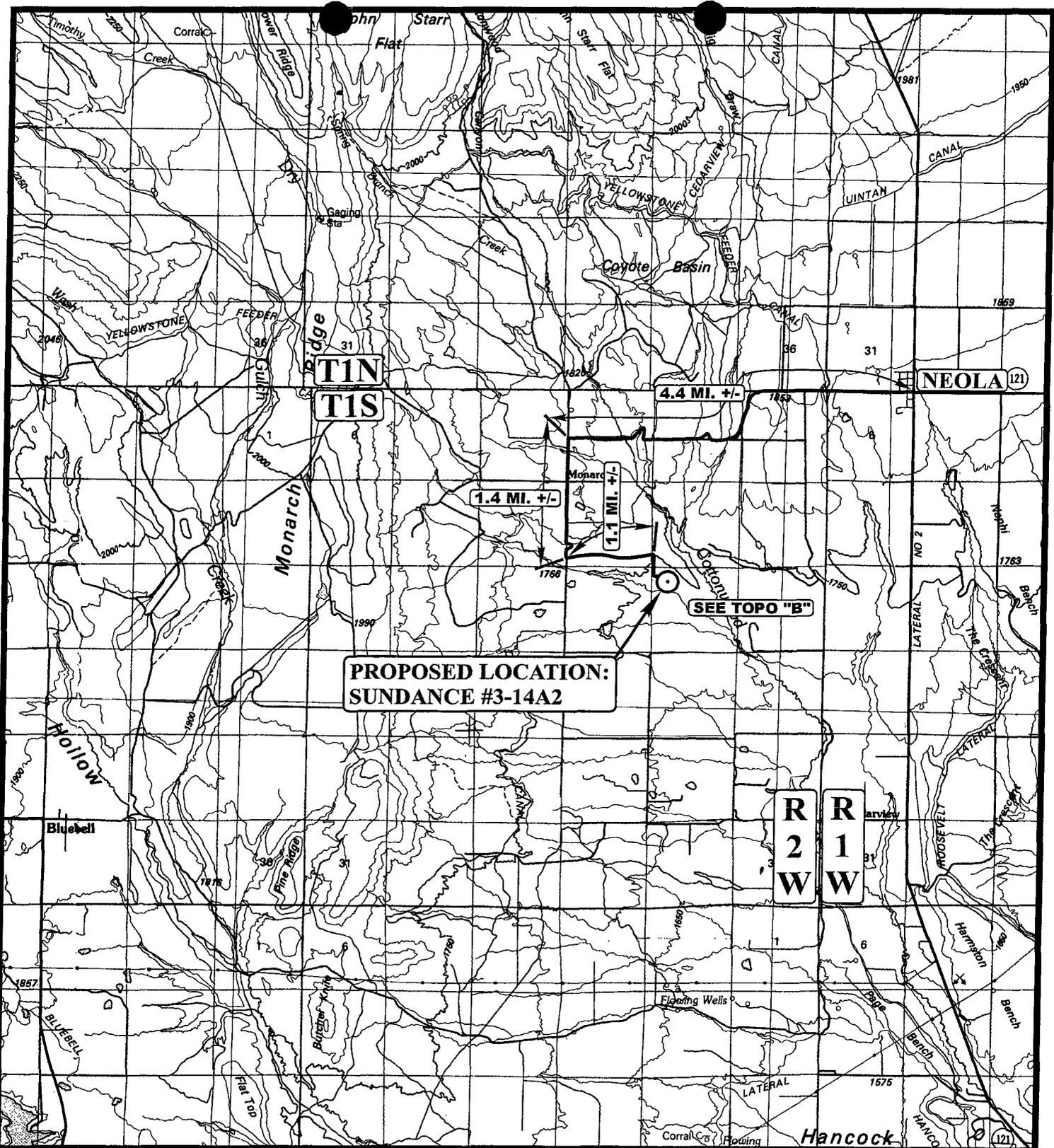


### APPROXIMATE YARDAGES

<b>CUT</b>		
(6") Topsoil Stripping	= 1,610	Cu. Yds.
Remaining Location	= 6,800	Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,410</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>= 5,660</b>	<b>CU.YDS.</b>

<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>	<b>= 2,750</b>	<b>Cu. Yds.</b>
<b>Topsoil &amp; Pit Backfill (1/2 Pit Vol.)</b>	<b>= 2,750</b>	<b>Cu. Yds.</b>
<b>EXCESS UNBALANCE (After Rehabilitation)</b>	<b>= 0</b>	<b>Cu. Yds.</b>

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



**PROPOSED LOCATION:  
SUNDANCE #3-14A2**

**SEE TOPO "B"**

**LEGEND:**

○ PROPOSED LOCATION

**DEVON ENERGY PRODUCTION COMPANY, L.P.**

**SUNDANCE #3-14A2  
SECTION 14, T1S, R2W, U.S.B.&M.  
970' FNL 980' FWL**

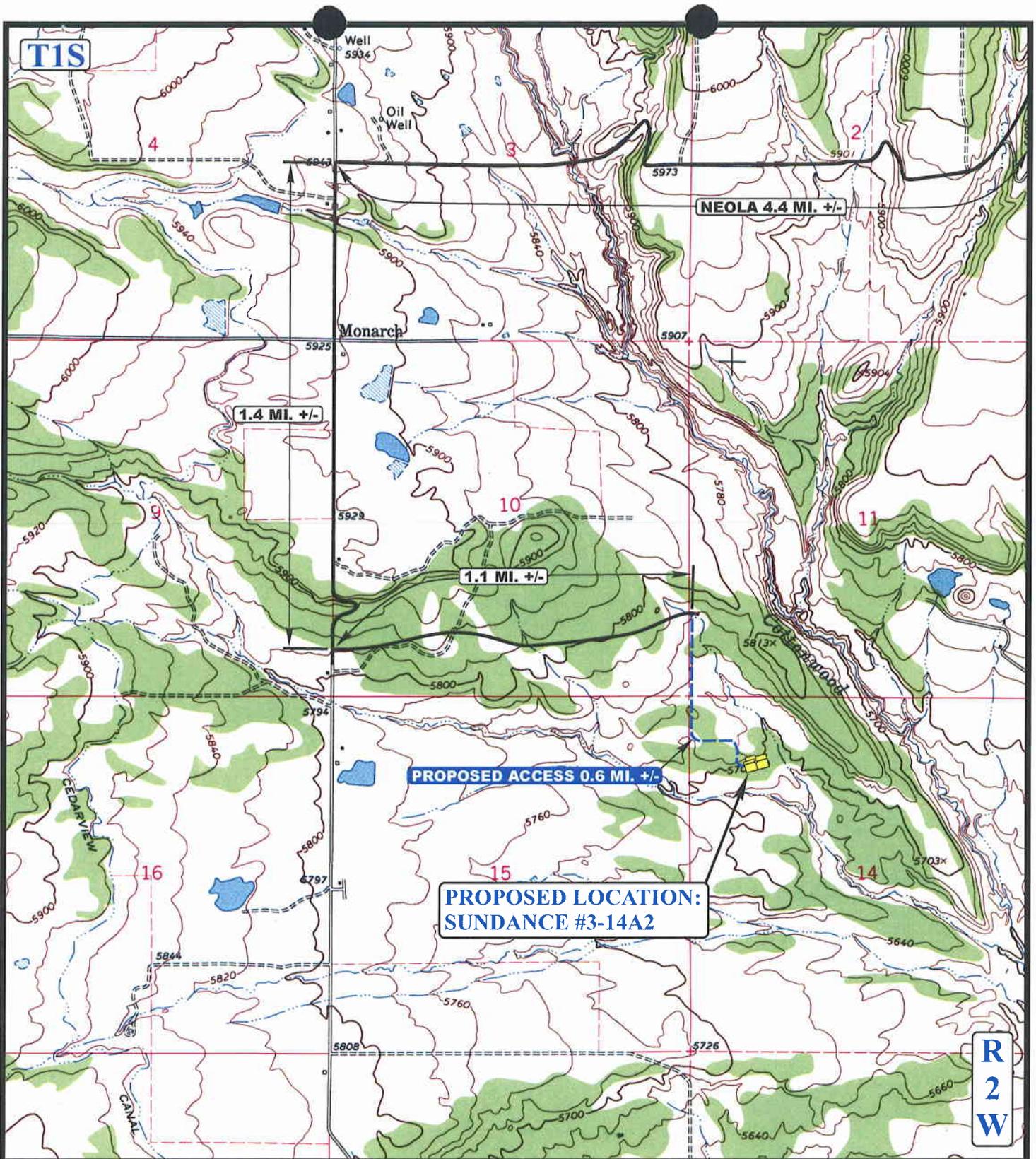


**Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP** 09 03 04  
MONTH DAY YEAR  
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00





**LEGEND:**

- EXISTING ROAD
- PROPOSED ACCESS ROAD



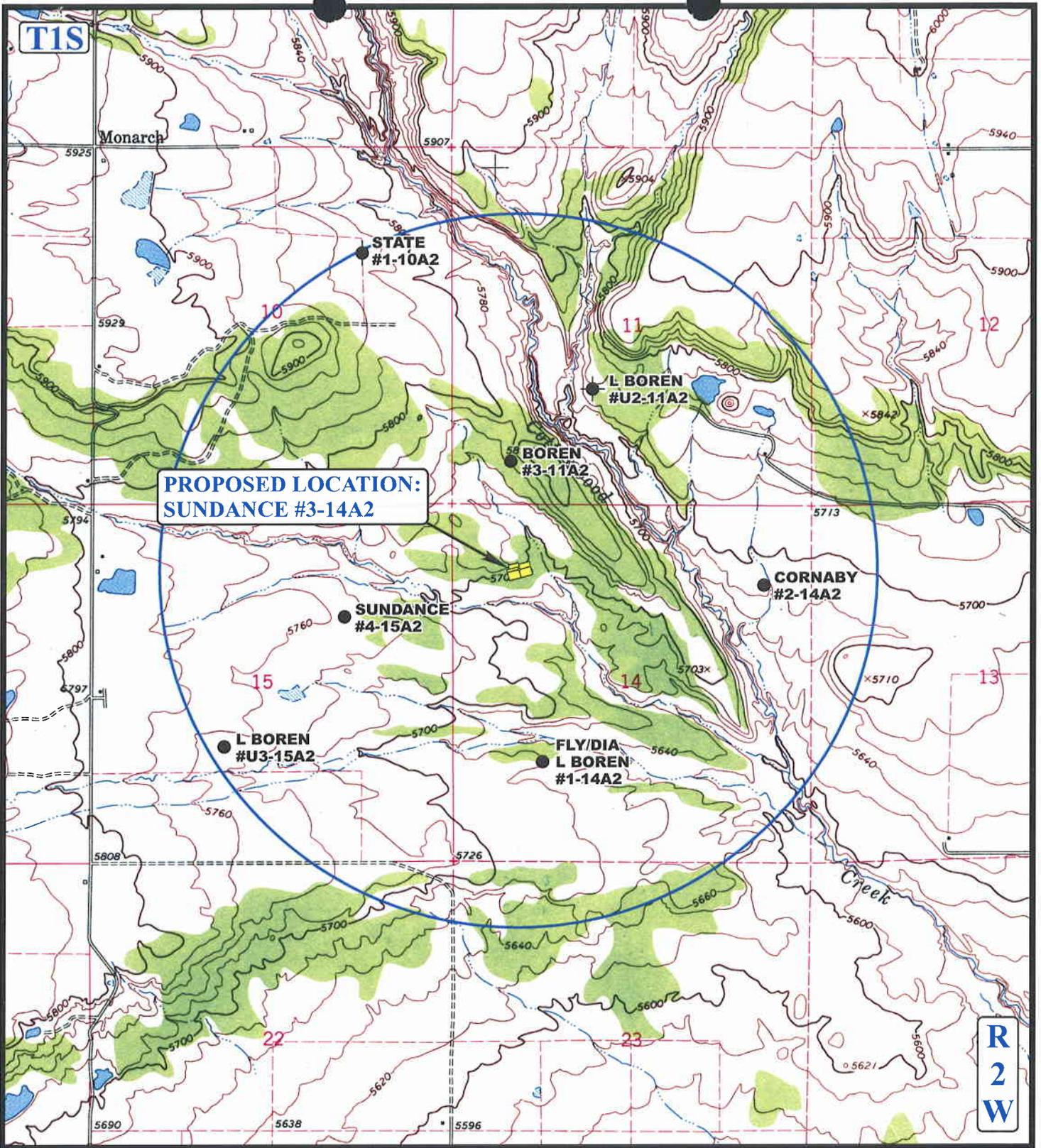
**DEVON ENERGY PRODUCTION COMPANY, L.P.**

**SUNDANCE #3-14A2**  
**SECTION 14, T1S, R2W, U.S.B.&M.**  
**970' FNL 980' FWL**

**U E L S**  
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **09 03 04**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**DEVON ENERGY PRODUCTION COMPANY, L.P.**

**SUNDANCE #3-14A2  
SECTION 14, T1S, R2W, U.S.B.&M.  
970' FNL 980' FWL**

**U E L S** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC MAP** 09 03 04  
MONTH DAY YEAR  
SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**C**  
TOPO

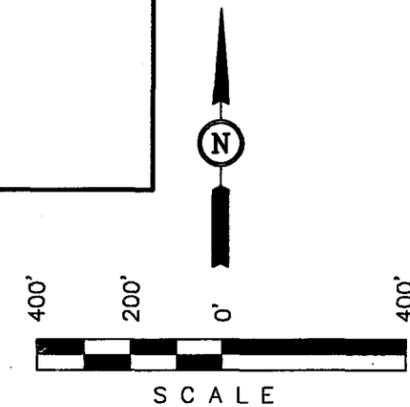
# LOCATION DAMAGE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For SUNDANCE #3-14A2)

LOCATED IN SECTIONS 11 & 14, T1S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH

CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD DIR.
C1	157.26'	100.00'	90°06'18"	100.18	S45°06'10"E

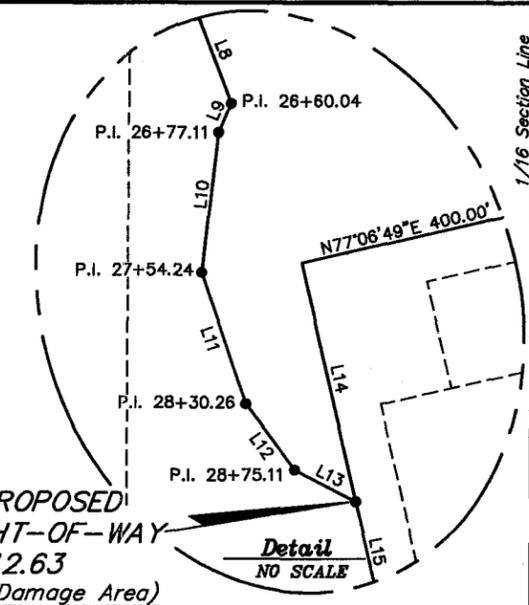
LINE	BEARING	LENGTH
L1	S00°36'59"W	168.93'
L2	S00°40'05"W	4.10'
L3	S00°40'05"W	410.37'
L4	S00°03'01"E	149.90'
L5	N89°50'41"E	125.38'
L6	N89°53'59"E	232.11'
L7	N89°48'33"E	165.16'
L8	S20°49'33"E	154.81'
L9	S22°48'53"W	17.07'
L10	S06°33'28"W	77.13'
L11	S18°40'46"E	76.02'
L12	S36°21'37"E	44.85'
L13	S62°19'18"E	37.52'
L14	N12°53'11"W	134.27'
L15	N12°53'11"W	140.73'



## DAMAGE AREA DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 64)

BEGINNING AT A POINT IN LOT 64 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS S37°37'05"E 1289.45' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE N12°53'11"W 134.27'; THENCE N77°06'49"E 400.00'; THENCE S12°53'11"E 275.00'; THENCE S77°06'49"W 400.00'; THENCE N12°53'11"W 140.73' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.525 ACRES MORE OR LESS.

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 29+12.63 (At Edge of Damage Area)



## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 24)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE NORTH LINE OF LOT 24 OF SECTION 11, T1S, R2W, U.S.B.&M. WHICH BEARS N03°45'40"E 663.68' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, THENCE S00°23'40"E 489.14'; THENCE S00°36'59"W 168.93'; THENCE S00°40'05"W 4.10' TO A POINT ON THE SOUTH LINE OF SAID LOT 24 OF SECTION 11, WHICH BEARS N89°52'09"E 45.04' FROM THE SOUTHWEST CORNER OF SAID SECTION 14. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.456 ACRES MORE OR LESS.

NOTE:

BEGINNING STA. 0+00 BEARS N01°46'59"E 1265.73' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.  
 P.O.P.L. 6+02.88 BEARS N03°45'40"E 663.68' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.  
 P.O.S.L. 12+65.05 BEARS N89°52'09"E 45.04' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.  
 P.O.P.L. 19+82.58 BEARS S12°01'47"E 674.87' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.  
 P.O.P.L. 25+05.23 BEARS S45°11'49"E 934.84' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.  
 ENDING STA. 29+12.63 BEARS S37°37'05"E 1289.45' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.

**SURFACE USE AREA SUNDANCE #3-14A2**  
 Contains 2.525 Acres

## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 51 & 48)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

THE PROPOSED ROAD RIGHT-OF-WAY IS WITHIN 50' ROAD EASEMENT TAKEN FROM THE SUNDANCE RANCH SUBDIVISION UNIT F.

BEGINNING AT A POINT ON THE NORTH LINE OF LOT 48 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS S12°01'47"E 674.87' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE N89°50'41"E 125.38'; THENCE N89°53'59"E 232.11'; THENCE N89°48'33"E 165.16' TO A POINT NORTHEAST LOT 48 OF SECTION 14, WHICH BEARS S45°11'49"E 934.84' FROM THE NORTHWEST CORNER OF SAID SECTION 14. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.360 ACRES MORE OR LESS.

▲ = SECTION CORNERS LOCATED.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 64)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

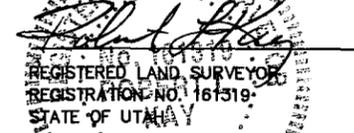
BEGINNING AT A POINT NORTHEAST LOT 48 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS S45°11'49"E 934.84' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE S20°49'33"E 154.81'; THENCE S22°48'53"W 17.07'; THENCE S06°33'28"W 77.13'; THENCE S18°40'46"E 76.02'; THENCE S36°21'37"E 44.85'; THENCE S62°19'18"E 37.52' TO A POINT IN LOT 48 OF SECTION 14, WHICH BEARS S37°37'05"E 1289.45' FROM THE NORTHWEST CORNER OF SAID SECTION 14. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.281 ACRES MORE OR LESS.

### TOTAL ROAD RIGHT-OF-WAY LENGTHS

OWNER	DISTANCE	ACRES	RODS
MIKE & SHELLEY ENTERPRISES INC.	1320.41'	0.909	80.02
KHOSRO HARONI	662.17'	0.456	40.13
MIKE & SHELLEY ENTERPRISES INC. / SHIELA A. STEADMAN	522.65'	0.360	31.68
GUARDIAN STATE BANK	407.40'	0.281	24.69

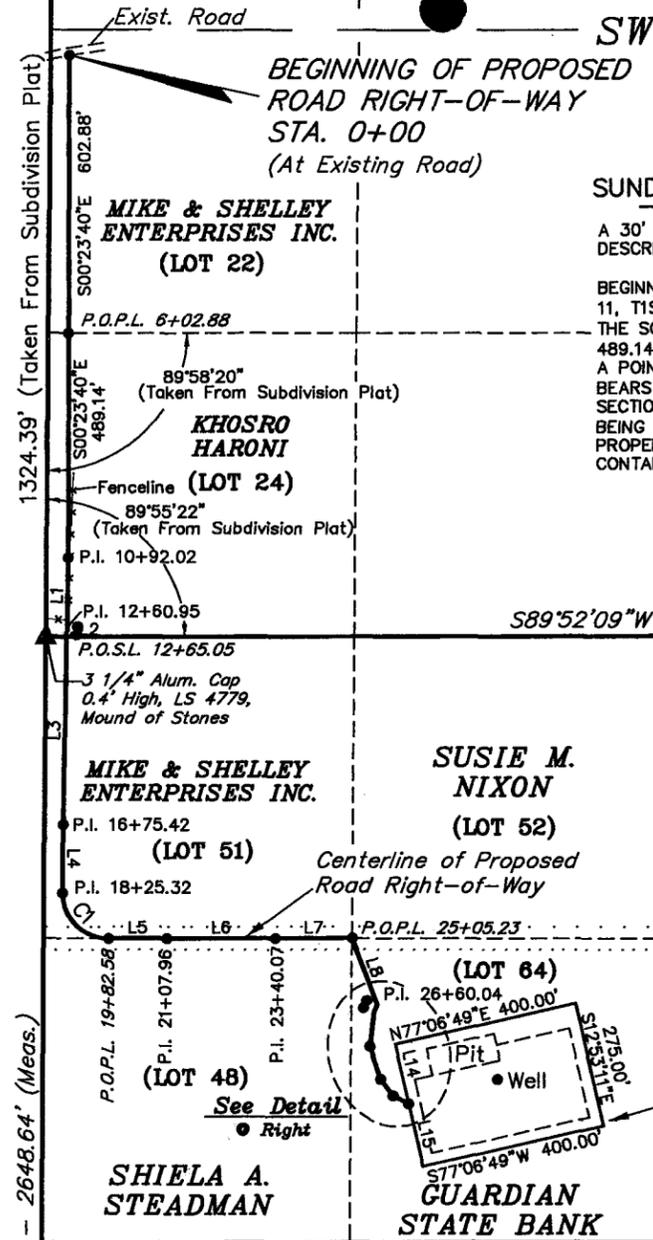
### CERTIFICATE

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.



**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH - 200 EAST • (435) 789-1017  
 VERNAL, UTAH - 84078

SCALE 1" = 400'	DATE 09-07-04
PARTY G.S. W.L. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 4 3 5 5 1



## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 22 & 51)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN LOT 22 OF SECTION 11, T1S, R2W, U.S.B.&M. WHICH BEARS N01°46'59"E 1265.73' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, THENCE S00°23'40"E 602.88' TO A POINT ON THE SOUTH LINE OF LOT 22 OF SECTION 11, WHICH BEARS N03°45'40"E 663.68' FROM THE SOUTHWEST CORNER OF SAID SECTION 11. ALSO BEGINNING AT A POINT ON THE NORTH LINE OF LOT 51 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS N89°52'09"E 45.04' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE S00°40'05"W 410.37'; THENCE S00°03'01"E 149.90' TANGENT TO, AND TO THE BEGINNING OF A CURVE TO THE LEFT, HAVING A DELTA ANGLE OF 90°06'18" AND A RADIUS OF 100.00'; THENCE ALONG SAID CURVE TO THE LEFT AN ARC DISTANCE OF 157.26' TO A POINT ON THE SOUTH LINE OF SAID LOT 51 OF SECTION 14, WHICH BEARS S12°01'47"E 674.87' FROM THE NORTHWEST CORNER OF SAID SECTION 14. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.909 ACRES MORE OR LESS.

2003 Alum. Cap  
 0.2' High, Steel  
 Post, Mound of  
 Stones

# PRODUCTION HOLE BOP STACK ARRANGEMENT

## SCHEMATIC # 3

Grant Rotating Head >

3000 psi. Bag Preventer >

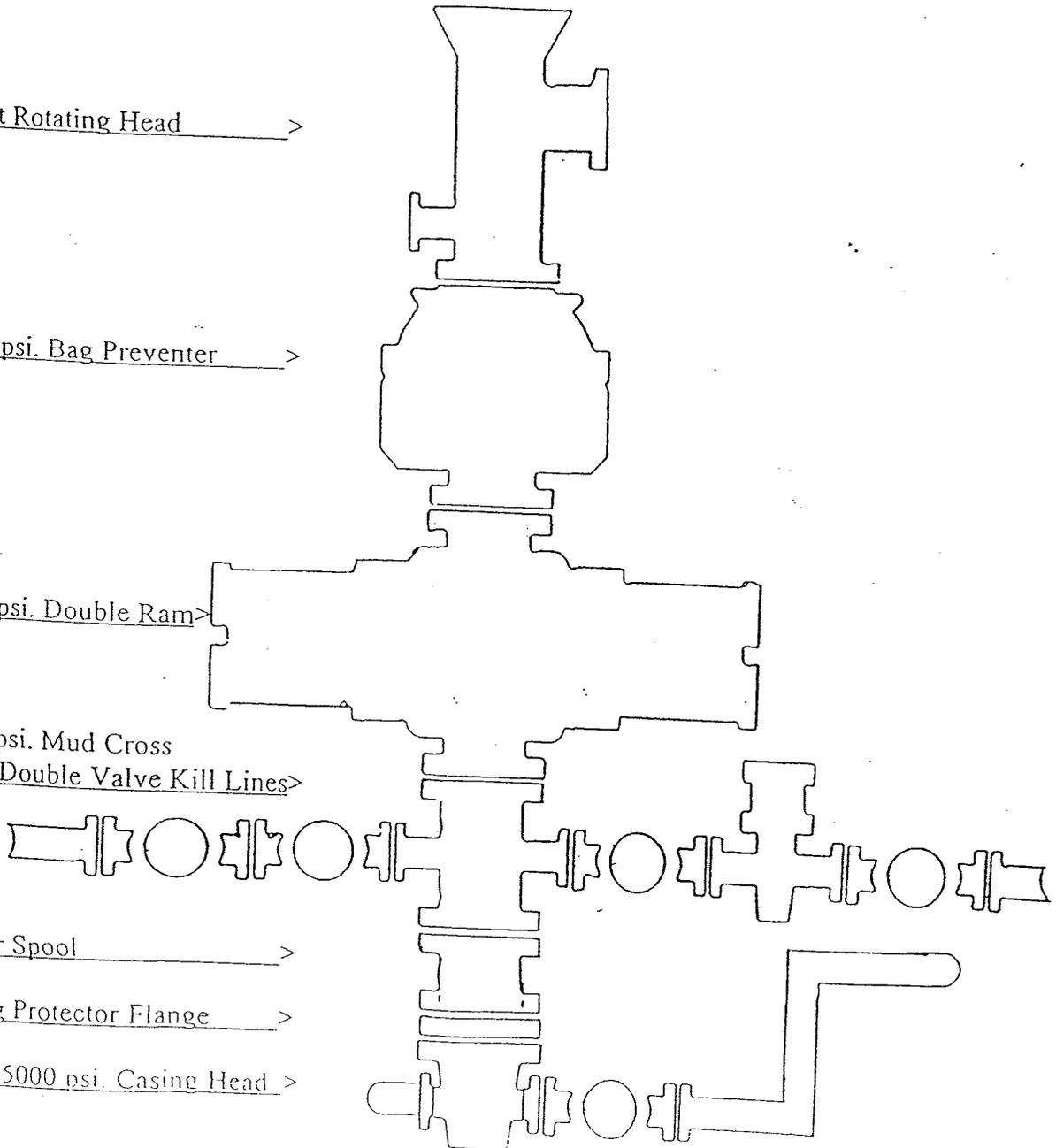
5000 psi. Double Ram >

5000 psi. Mud Cross  
w/ 2" Double Valve Kill Lines >

Spacer Spool >

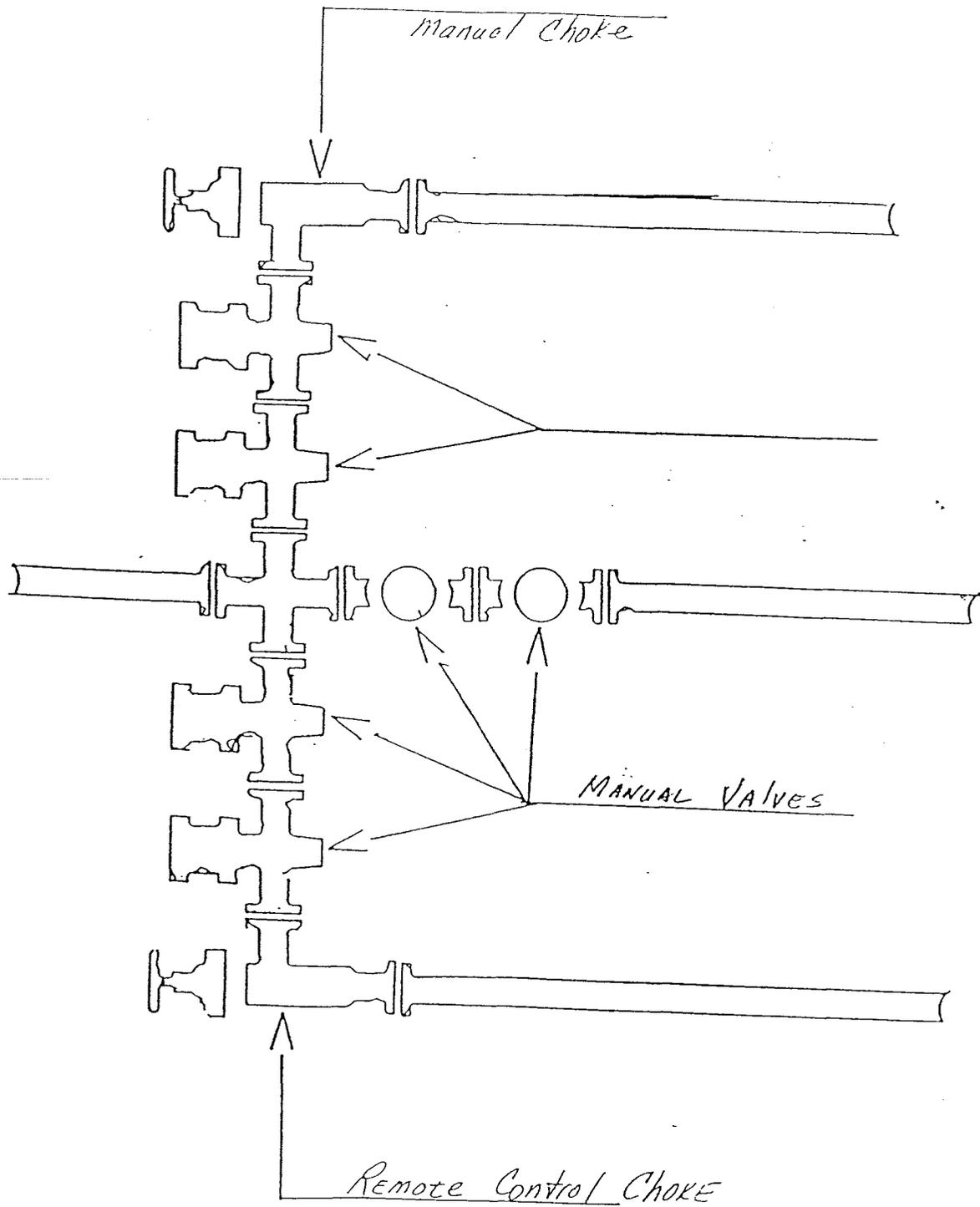
Casing Protector Flange >

7 7/8" X 5000 psi. Casing Head >



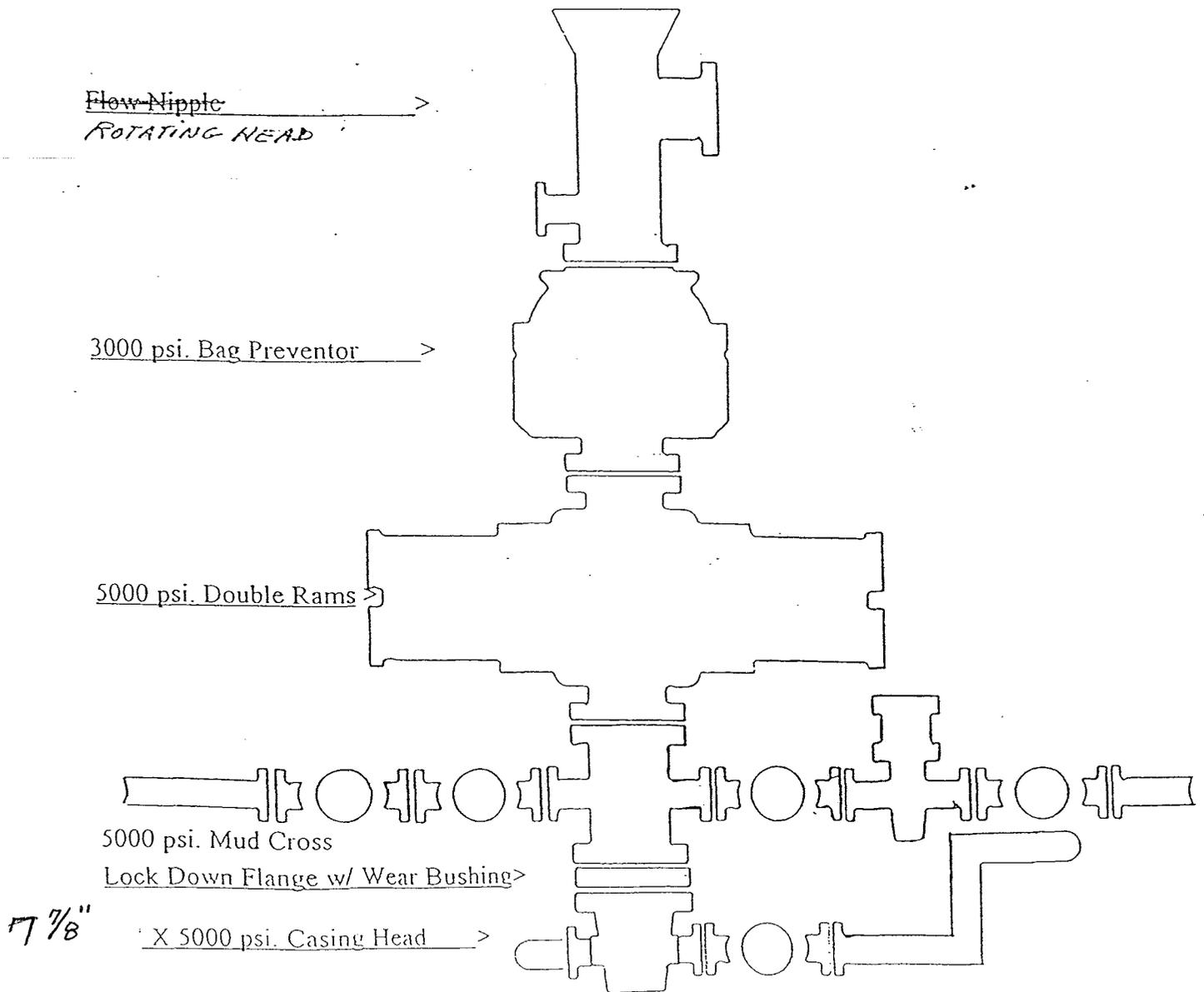
# CHOKE MANIFOLD ARRANGEMENT

SCHEMATIC # 4



# INTERMEDIATE HOLE BOP STACK ARRANGEMENT

## SCHEMATIC # 2



Devon Energy Production Company, LP  
8345 North 5125 West  
Neola, UT 84053  
(435)353-4121 (Voice)  
(435)353-4139 (Fax)

October 4, 2004

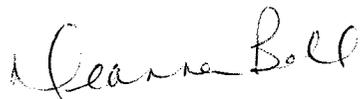
State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

**RE: APD for Sundance 3-14A2  
State of Utah Division of Water Rights  
Temporary Change Application Number t29424 – Daniel R. Lamb – User**

To Whom It May Concern:

Attached is a copy of Daniel R. Lamb Temporary Change Application t29424. This copy information needs to be attached to an Application for Permit to Drill on the Sundance 3-14A2.

Sincerely,



Deanna Bell  
Field Technician

RECEIVED

OCT 05 2004

DIV. OF OIL, GAS & MINING

*devon*

Devon Energy Production Company, LP  
8345 North 5125 West  
Neola, UT 84053  
(435) 353-4121 (Voice)  
(435) 353-4139 (Fax)

October 4, 2004

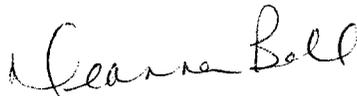
State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

**RE: APD for Sundance 3-14A2  
State of Utah Division of Water Rights  
Temporary Change Application Number t29424 – Daniel R. Lamb – User**

To Whom It May Concern:

Attached is a copy of Daniel R. Lamb Temporary Change Application t29424. This copy information needs to be attached to an Application for Permit to Drill on the Sundance 3-14A2.

Sincerely,



Deanna Bell  
Field Technician

RECEIVED  
OCT 05 09 2004  
DIV. DIV. OF OIL, GAS & MINING



OLENE S. WALKER  
Governor  
GAYLE F. MCKEACHNIE  
Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
Division of Water Rights

ROBERT L. MORGAN      JERRY D. OLDS  
Executive Director      State Engineer/Division Director

>>>>>>>OFFICIAL RECEIPT<<<<<<<<<

RECEIPT No. 04-04205	DATE: September 30, 2004
RECEIVED FROM:	
DANIEL R. LAMB - USER RT. 1 BOX 1382 ROOSEVELT, UT 84066	

NATURE OF SERVICE:		FEE:
Change Application	t29424(43-2533)	75.00
	TOTAL:	\$75.00

METHOD OF PAYMENT: Check 4373
-------------------------------

RECEIVED BY:      BWHITE
--------------------------



OLENE S. WALKER  
*Governor*  
GAYLE F. MCKEACHNIE  
*Lieutenant Governor*

State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
Division of Water Rights

ROBERT L. MORGAN  
*Executive Director*

JERRY D. OLDS  
*State Engineer/Division Director*

September 30, 2004

DANIEL R. LAMB - USER  
RT. 1 BOX 1382  
ROOSEVELT, UT 84066

Dear Applicant:

RE: TEMPORARY CHANGE APPLICATION  
NUMBER t29424 (43-2533)

The above referenced Temporary Change Application has been **APPROVED**. This application will expire **September 30, 2005**. It is expected that no diversion or use of the water will be done after this date unless another proposal has been made and approved.

Your contact with this office, should you need it, is with the Vernal Regional Office. The telephone number is (435)781-5327.

Sincerely,

Robert Leake, P.E.  
Regional Engineer

RL:bw

# APPLICATION FOR TEMPORARY CHANGE OF WATER

**RECEIVED**  
SEP 30 2004  
WATER RIGHTS  
VERNAL

STATE OF UTAH

Rec. by BW  
Fee Paid \$ 75.00  
Receipt # \_\_\_\_\_

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: 629424  
(c2265BWHITE)

WATER RIGHT NUMBER: 43-2533

\*\*\*\*\*  
This Change Application proposes to change the POINT(S) OF DIVERSION, PLACE OF USE, and NATURE OF USE.  
\*\*\*\*\*

## 1. OWNERSHIP INFORMATION.

A. NAME: Moon Lake Water Users Association - owner  
ADDRESS: P.O. Box 235  
Roosevelt UT 84066

INTEREST: 100%

NAME: Daniel R. Lamb - user  
ADDRESS: Rt. 1 Box 1382  
Roosevelt, UT 84066

B. PRIORITY OF CHANGE: September 30, 2004

FILING DATE: September 30, 2004

C. EVIDENCED BY:  
43-2533(A7104)

\*-----\*  
\* DESCRIPTION OF CURRENT WATER RIGHT: \*  
\*-----\*

## 2. SOURCE INFORMATION.

A. QUANTITY OF WATER: 25,000.0 acre-feet

B. SOURCE: West Fork of Lake Fork River

COUNTY: Duchesne

### C. POINT(S) OF DIVERSION.

#### POINT OF DIVERSION -- SURFACE:

(1) S 522 feet E 1,989 feet from N $\frac{1}{4}$  corner, Section 19, T 2N, R 5W, USBM

#### POINTS OF REDIVERSION:

(1) S 1,767 feet E 1,475 feet from NW corner, Section 21, T 1N, R 4W, USBM

DIVERT WORKS: Payne Canal  
SOURCE: Yellowstone River

(2) N 263 feet W 594 feet from SE corner, Section 05, T 1S, R 4W, USBM

DIVERT WORKS: Dry Gulch #1 Canal  
SOURCE: Lake Fork River

- (3) S 862 feet E 1,447 feet from N¼ corner, Section 08, T 1S, R 4W, USBM  
 DIVERT WORKS: Lake Fork Western Canal  
 SOURCE: Lake Fork River
- (4) N 858 feet W 3,654 feet from SE corner, Section 09, T 1S, R 4W, USBM  
 DIVERT WORKS: Dry Gulch #2 Canal  
 SOURCE: Lake Fork River
- (5) N 2,082 feet W 687 feet from SE corner, Section 21, T 1S, R 4W, USBM  
 DIVERT WORKS: South Boneta Ditch  
 SOURCE: Lake Fork River
- (6) N 922 feet E 2,787 feet from W¼ corner, Section 29, T 2N, R 5W, USBM  
 DIVERT WORKS: Farnsworth Canal  
 SOURCE: Lake Fork River
- (7) N 444 feet W 534 feet from S¼ corner, Section 20, T 2S, R 3W, USBM  
 DIVERT WORKS: Purdy Ditch  
 SOURCE: Lake Fork River
- (8) N 126 feet E 820 feet from S¼ corner, Section 28, T 2S, R 3W, USBM  
 DIVERT WORKS: Murdock Ditch
- (9) S 625 feet E 1,140 feet from NW corner, Section 33, T 2S, R 3W, USBM  
 DIVERT WORKS: Uteland Ditch  
 SOURCE: Lake Fork River

3. STORAGE. Water is diverted for storage into:

- (1) Moon Lake Reservoir, from Jan 1 to Dec 31.  
 CAPACITY: 35,000,000 ac-ft. INUNDATING: 764.00 acs. DAM HEIGHT: 80 ft.  
 Area inundated includes all or part of the following legal subdivisions:

BASE TOWN RANG SEC	NORTH-WEST¼				NORTH-EAST¼				SOUTH-WEST¼				SOUTH-EAST¼				
	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	
SL 2N 5W 07				***					***	X	X	X	X	***			
12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X
18	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
19				***	X	X	X	X	***					***			
SL 2N 6W 01	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
12	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
13	X	X	X	X	***	X	X	X	X	***				***			

4. WATER USE INFORMATION.

IRRIGATION: from Apr 1 to Oct 31. IRRIGATING: 70,000,0000 acres.

\*-----\*

5. PLACE OF USE. (Which includes all or part of the following legal subdivisions:)

BASE TOWN RANG SEC	NORTH-WEST¼				NORTH-EAST¼				SOUTH-WEST¼				SOUTH-EAST¼				
	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	NW	NE	SW	SE	
US 1N 1W 19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X
20	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
29	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
30	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
31	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
32	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
33	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X
34	X	X	X	X	***	X	X	X	X	***	X	X	X	***	X	X	X

			35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	1N	2W	24	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			25	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			36	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	1S	1E	19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			30	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			31	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	1S	1W	Entire TOWNSHIP																			
US	1S	2W	01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			23	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			24	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			25	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			36	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	1S	3W	06	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			17	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			18	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			30	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			31	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			32	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X

			34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
				Entire TOWNSHIP																		
US	1S	4W	09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	1S	5W	10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			23	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			24	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			25	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			29	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			32	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			36	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	2S	1E	03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			05	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			06	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			17	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			18	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			29	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			31	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			32	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
US	2S	2W	01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
			14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X

US 2S 3W

US 2S 4W  
US 2S 5W

18	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
23	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
24	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
25	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
29	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
30	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
31	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
32	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
36	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
05	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
17	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
18	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
19	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
21	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
22	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
23	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
24	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
25	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
26	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
27	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
28	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
29	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
32	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
33	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
34	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
35	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
36	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X

Entire TOWNSHIP

01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X

	04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	15	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
US	3S	1W	03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
	04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	05	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	06	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	16	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	17	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	18	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
US	3S	2W	01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
	02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	05	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	06	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	09	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	12	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	13	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	14	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
US	3S	3W	01	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X
	02	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	03	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	04	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	05	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	07	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	08	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	10	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	11	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	17	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		
	20	X	X	X	X	***	X	X	X	X	***	X	X	X	X	***	X	X	X	X		



*devon*

20 North Broadway  
Oklahoma City, Oklahoma 73102-8260

Telephone: (405) 235-3611  
Fax: (405) 552-7636

October 4, 2004

Ms. Diana Whitney  
Utah Division of Oil Gas & Mining  
P. O. Box 145801  
Salt Lake City, UT 84114-5801

**RE: Sundance 3-14A2  
Section 14, T1S, R2W  
Duchesne Co, Utah**

Dear Ms. Diana Whitney

Please accept into your records (in triplicate) the SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT for the subject well.

Please call me at (405) 552-8125, or message me at [Billy.Johnson@dvn.com](mailto:Billy.Johnson@dvn.com) if you have more concerns or need more information from Devon.

Sincerely,



Billy Johnson  
Operations Technician

RECEIVED

OCT 06 2004

DIV. OF OIL, GAS & MINING

**SURFACE DAMAGE AND RIGHT-OF-WAY SETTLEMENT AGREEMENT**

This Agreement, made and entered into this the 22nd day of September, 2004, by and between Hilton G. Gardner, 507 Mint Green Circle, Salt Lake City, UT 84107-3944 ("Surface Owner") and Devon Energy Production Company, L.P. 20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260, ("Devon").

WITNESSETH THAT:

WHEREAS, Devon owns undivided interests in certain oil and gas leases ("leases") covering and affecting All of Section 14, Township 1 South, Range 2 West, USM, of Duchesne County, Utah; and,

WHEREAS, such leases grant to Devon the right and privilege of ingress, egress, exploring, drilling, mining, operating for, producing and owning oil and gas and all other products produced therewith, together with the right to make surveys on said lands, lay pipelines, establish and utilize facilities for surface or subsurface disposal of salt water, construct roads and bridges, dig canals, build power stations, telephone lines, and other structures on said lands, necessary or useful in Devon's operations; and,

WHEREAS, Devon, pursuant to its rights under the Leases, intends to drill the Sundance #3-14A2 well at a legal drill-site location in the NW1/4NW1/4 of Section 14, Township 1 South Range 2 West, USM, Duchesne County, Utah; and,

WHEREAS, Surface Owner warrants ownership to the surface of at least specific portions of Sundance Ranch Subdivision, Unit F, Lot 64 of Section 14, Township 1 South, Range 2 West, USM, Duchesne County, Utah, and which warranted ownership is further subject to all oil, gas and other mineral rights which are reserved for the use and benefit of the owners thereof; and,

WHEREAS, Devon has agreed to reimburse Surface Owner for actual damages and injuries to all crops, timber, fences and other improvements located on the surface which results from Devon's operations hereunder, provided that Devon shall not be held liable or responsible for acts of providence or occurrences beyond Devon's control; so,

NOW, THEREFORE, in consideration of TEN (10) AND MORE DOLLARS (\$10.00) and other good and valuable consideration paid by Devon to Surface Owner, the receipt and sufficiency of which is hereby acknowledged, said Surface Owner does hereby release Devon, its agents, employees, licensees, permittees, successors and assigns from all claims for damages as hereinafter provided, which are occasioned by any drilling, testing, completing, producing, operating, reworking and abandoning operations conducted by Devon at the above mentioned wells, and agrees that Devon, its agents, employees, licensees, permittees, successors and assigns, may enter upon said premises and construct and maintain such roadways, bridges, and other means of access as are necessary to enable Devon on said locations, for the purpose of erecting all necessary surface equipment, including but not limited to separators and tank battery storage facilities and other related facilities for the operating of the subject well or any other well(s) operated by Devon in the general area. Said road corridor right-of-way and wellsite being shown on Exhibit "A" attached hereto.

For the same consideration, Surface Owner does hereby grant and convey unto Devon, its successors and assigns, the right, at any time and from time to time, to lay, construct, reconstruct, replace, renew, operate, maintain, repair, change the size of, and remove pipes and pipelines for the transportation of oil, petroleum or any of its products, gas, water, saltwater and other substances, or any byproducts thereof, along, over, through, upon, under and across the route of any such lines constructed hereunder, together with rights of ingress and egress to and from said line or lines for the purposes aforesaid. Such pipeline or pipelines to be constructed within the boundaries of the rights-of-way granted herein as shown on Exhibit "A" attached hereto.

Surface Owner hereby releases Devon, its successors and assigns, from any and all damages and claims asserted. The consideration paid by Devon to Surface Owner is accepted by Surface Owner as full and final satisfaction for any and all damages and claims for damages to the surface which result from any of Devon's operations and privileges granted under the above Leases. Surface Owner hereby waives the right to collect any further and additional damages that may hereafter be asserted in connection with Devon's use of the land as further described on Exhibit "A" attached hereto and agrees to accept in lieu of any such future claims the agreed upon payment provided for in this Agreement.

Nothing herein shall alter or affect the rights of either party hereto with respect to surface use or disturbance of Surface Owner's land surrounding the drillsite location, respectively, and Devon agrees to give Surface Owner advance notice of its intended use of any surrounding land before commencing any operations thereon pursuant to its rights..

Surface Owner and Devon do hereby release, discharge and acquit the other from any and all liability, and shall indemnify the other against any and all claims and demands for damages, attorneys fees, injury or loss, existing now or done hereafter, to the surface of said lands or to any third parties arising out of or being the result of their or their agents, contractors, licensees, permittees, successors and assigns own activities on or use of the subject property. However, such parties' potential liability under this paragraph to the other shall be limited to the acts and/or omission of its, or its predecessors, agents, contractors, licensees, permittees, successor and assigns, and shall not include any acts and/or omissions of the other party, it agents, contractors, licensees, permittees, successors or assigns. Devon shall reasonably maintain the subject property in order to prevent unnecessary deterioration of the surface and to keep the property in an uncluttered condition.

Any topsoil which is removed by Devon on Surface Owner's land will be stockpiled at the drillsites and will be redistributed on the drillsites upon completion of all operations and the land reseeded with grasses and/or native plants by Devon. All mud pits will be filled and material and debris will be removed from the drillsite upon completion of operations. Devon shall have the right to remove from the lands covered hereby within six (6) months after the termination of this agreement, any or all structures, pipes, equipment and other facilities placed on, over, under, through and across any lands covered hereby, excepting fences, culverts, and other land improvements required by the Surface Owner, and title thereto shall be vested in Devon at all times, and shall in no event be considered or construed as fixtures thereto.

This Agreement shall inure to the benefit of the parties hereto, their heirs, successors and assigns and shall be a burden running with the land.

This Agreement may be executed in any number of counterparts and all such counterparts shall be deemed to constitute a single Agreement and the execution of one counterpart by any party hereto shall have the same force and effect as if said party had signed all other counterparts.

IN WITNESS WHEREOF, the parties have executed this Surface Damage Settlement Agreement effective as of the 22nd day of September, 2004.

SURFACE OWNER

  
Hilton G. Gardner

DEVON ENERGY PRODUCTION  
COMPANY, L.P.

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

By:   
Vice President CH

STATE OF UTAH )

COUNTY OF Salt Lake )

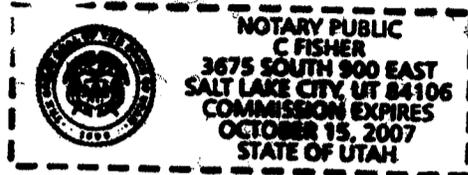
On this 24<sup>th</sup> day of Sept, 2004, before me personally appeared Hilton G. Gardner, known to me to be the person who is described in and who executed the within instrument and acknowledged to me that he executed the same.

C Fisher

Notary Public

My Commission Expires: 10/15/07

Residing at: Salt Lake City



STATE OF OKLAHOMA )

COUNTY OF OKLAHOMA )

The foregoing instrument was acknowledged before me this 4<sup>th</sup> day of October, 2004, by D. D. DeCarlo, Vice President of Devon Energy Management Company, L.L.C., as Oklahoma limited liability company, General Partner of Devon Energy Production Company, L.P., an Oklahoma limited partnership, on behalf of the company and the partnership.

IN witness whereof, I have hereto set my hand and affixed my seal the day and year last above written.



Cherokee Clark

Notary Public

My Commission Expires: 12-10-07

# LOCATION DAMAGE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For SUNDANCE #3-14A2)

LOCATED IN SECTIONS 11 & 14, T1S, R2W, U.S.B.&M. DUCHESNE COUNTY, UTAH

Sec. 11

SW 1/4  
PROPOSED  
ROAD

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA ANGLE	TANGENT	CHORD DIR.
C1	157.26'	100.00'	90°06'18"	100.18	S45°06'10"E

LINE TABLE		
LINE	BEARING	LENGTH
L1	S00°36'59"W	168.93'
L2	S00°40'05"W	4.10'
L3	S00°40'05"W	410.37'
L4	S00°03'01"E	149.90'
L5	N89°50'41"E	125.38'
L6	N89°53'59"E	232.11'
L7	N89°48'33"E	165.16'
L8	S20°49'33"E	154.81'
L9	S22°48'53"W	17.07'
L10	S08°33'28"W	77.13'
L11	S18°40'46"E	76.02'
L12	S36°21'37"E	44.85'
L13	S62°19'18"E	37.52'
L14	N12°53'11"W	134.27'
L15	N12°53'11"W	140.73'

## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 24)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT ON THE NORTH LINE OF LOT 24 OF SECTION 11, T1S, R2W, U.S.B.&M. WHICH BEARS N03°45'40"E 663.68' FROM THE SOUTHWEST CORNER OF SAID SECTION 11, THENCE S00°23'40"E 489.14'; THENCE S00°36'59"W 168.93'; THENCE S00°40'05"W 4.10' TO A POINT ON THE SOUTH LINE OF SAID LOT 24 OF SECTION 11, WHICH BEARS N89°52'09"E 45.04' FROM THE SOUTHWEST CORNER OF SAID SECTION 14. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.456 ACRES MORE OR LESS.

3 1/4" Alum. Cap  
0.2' High, LS 4779,  
Fence Line

S89°52'09"W - 2651.28' (Meas.)

N89°57'W - 2642.31' (G.L.O.)

NOTE:

BEGINNING STA. 0+00 BEARS N01°46'59"E 1285.73' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.

P.O.P.L. 6+02.88 BEARS N03°45'40"E 663.68' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.

P.O.S.L. 12+65.05 BEARS N89°52'09"E 45.04' FROM THE SOUTHWEST CORNER OF SECTION 11, T1S, R2W, U.S.B.&M.

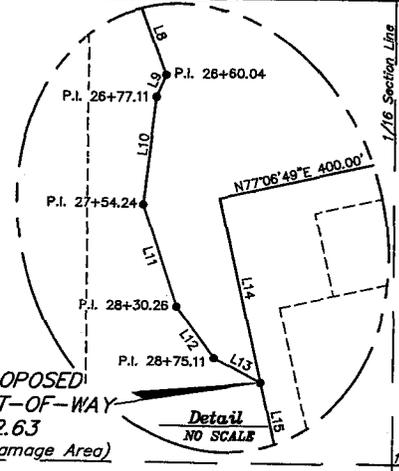
P.O.P.L. 19+82.58 BEARS S12°01'47"E 674.87' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.

P.O.P.L. 25+05.23 BEARS S45°11'49"E 934.84' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.

ENDING STA. 29+12.63 BEARS S37°37'05"E 1289.45' FROM THE NORTHWEST CORNER OF SECTION 14, T1S, R2W, U.S.B.&M.

**SURFACE USE AREA SUNDANCE #3-14A2**

Contains 2.525 Acres



END OF PROPOSED ROAD RIGHT-OF-WAY STA. 29+12.63 (At Edge of Damage Area)

Detail NO SCALE

IE M. XON

T 52)

Proposed - Way

T 64)

4 400.00'

275.00'

Well

49'W 400.00'

DIAN BANK

## DESCRIPTION ON UNIT F (LOT 22 & 51)

E OF THE FOLLOWING

N 11, T1S, R2W, FROM THE ENCE S00°23'40"E LOT 22 OF SECTION THE SOUTHWEST

## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 51 & 48)

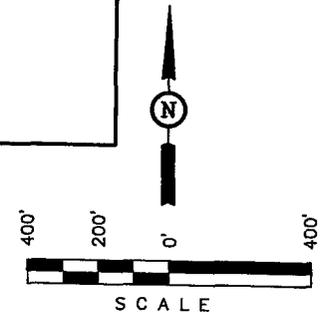
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

THE PROPOSED ROAD RIGHT-OF-WAY IS WITHIN 50' ROAD EASEMENT TAKEN FROM THE SUNDANCE RANCH SUBDIVISION PLAT UNIT F.

## ROAD RIGHT-OF-WAY DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 64)

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT NORTHEAST LOT 48 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS S45°11'49"E 934.84' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE S20°49'33"E 154.81'; THENCE S22°48'53"W 17.07'; THENCE S08°33'28"W 77.13'; THENCE S18°40'46"E



## DAMAGE AREA DESCRIPTION ON SUNDANCE RANCH SUBDIVISION UNIT F (LOT 64)

BEGINNING AT A POINT IN LOT 64 OF SECTION 14, T1S, R2W, U.S.B.&M. WHICH BEARS S37°37'05"E 1289.45' FROM THE NORTHWEST CORNER OF SAID SECTION 14, THENCE N12°53'11"W 134.27'; THENCE N77°06'49"E 400.00'; THENCE S12°53'11"E 275.00'; THENCE S77°06'49"W 400.00'; THENCE N12°53'11"W 140.73' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.525 ACRES MORE OR LESS.

CERTIFICATE OF LAND SURVEY  
ROBERT L. ...

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.

005

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/23/2004

API NO. ASSIGNED: 43-013-32678

WELL NAME: SUNDANCE 3-14A2  
OPERATOR: DEVON ENERGY PROD CO LP ( N1275 )  
CONTACT: BILLY JOHNSON

PHONE NUMBER: 405-552-8125

PROPOSED LOCATION:

NWNW 14 010S 020W  
SURFACE: 0970 FNL 0980 FWL  
BOTTOM: 0970 FNL 0980 FWL  
DUCHESNE  
BLUEBELL ( 65 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKO	10/21/04
Geology		
Surface		

LEASE TYPE: 4 - Fee  
LEASE NUMBER: FEE  
SURFACE OWNER: 4 - Fee  
PROPOSED FORMATION: GRRV  
COALBED METHANE WELL? NO

LATITUDE: 40.40033  
LONGITUDE: -110.0821

RECEIVED AND/OR REVIEWED:

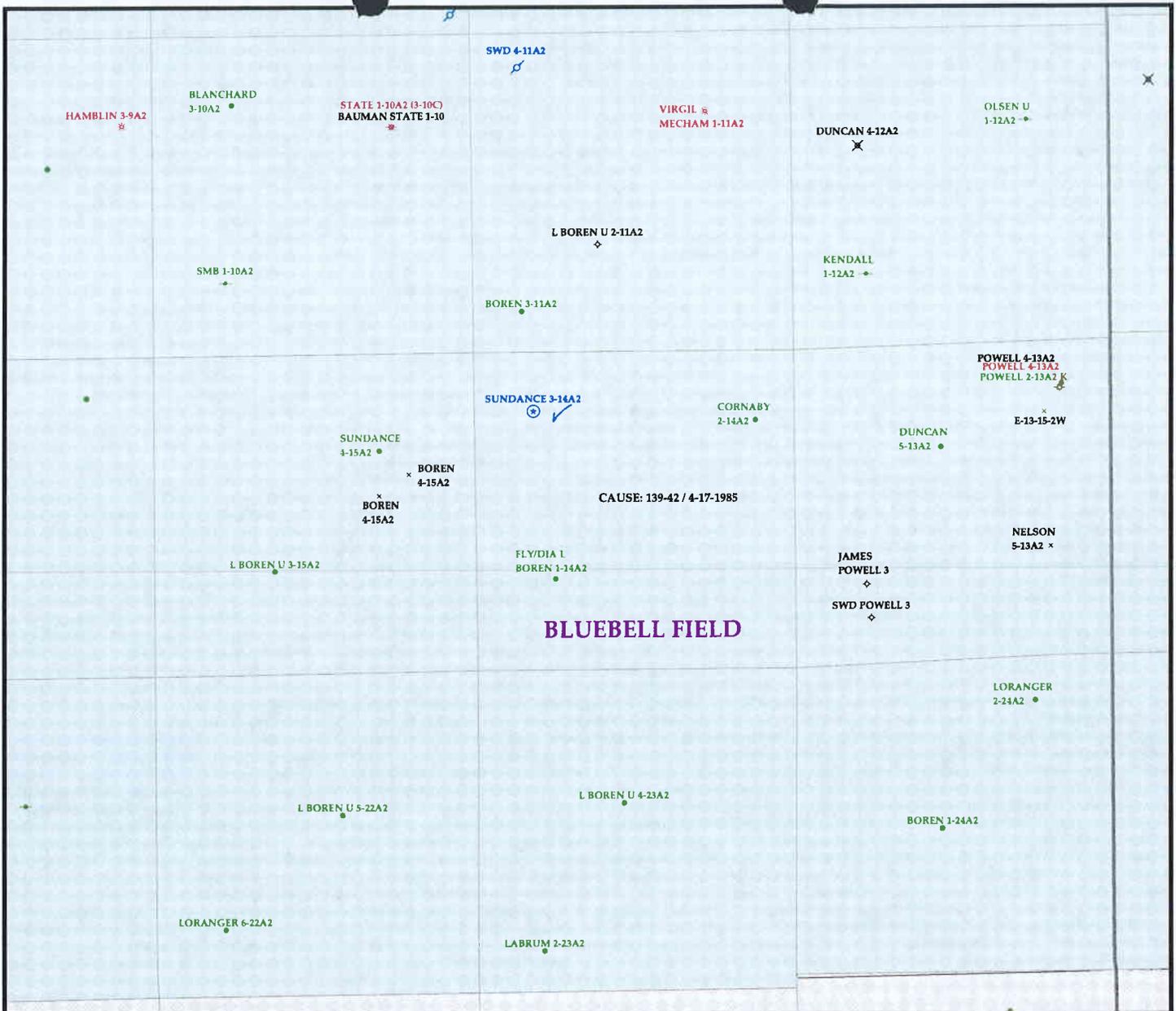
- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]  
(No. 71S100753026-70 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. 43-2533 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

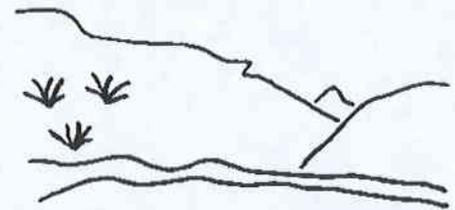
- R649-2-3.  
Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 131-101-S  
Eff Date: 8-1-1991  
Siting: 660' fr 1/4' 1/4' & 2640' fr other wells.
- R649-3-11. Directional Drill

COMMENTS: Needs Permit (10-18-2004)

STIPULATIONS: 1- ~~8 5/8~~ 8 5/8" Surface Csg shall be tested to 2700 psi (R649-3-7-3)  
2- STATEMENT OF BASIS



**OPERATOR: DEVON ENERGY PROD (N1275)**  
**SEC. 14 T.1S R.2W**  
**FIELD: BLUEBELL (65)**  
**COUNTY: DUCHESNE**  
**CAUSE: 131-101.5 / 8/1/91**



Utah Oil Gas and Mining

Wells	Units.shp	Fields.shp
♣ GAS INJECTION	□ EXPLORATORY	□ ABANDONED
⊠ GAS STORAGE	□ GAS STORAGE	□ ACTIVE
× LOCATION ABANDONED	□ NF PP OIL	□ COMBINED
⊕ NEW LOCATION	□ NF SECONDARY	□ INACTIVE
◇ PLUGGED & ABANDONED	□ PENDING	□ PROPOSED
⊠ PRODUCING GAS	□ PI OIL	□ STORAGE
● PRODUCING OIL	□ PP GAS	□ TERMINATED
⊠ SHUT-IN GAS	□ PP GEOTHERML	
⊠ SHUT-IN OIL	□ PP OIL	
× TEMP. ABANDONED	□ SECONDARY	
○ TEST WELL	□ TERMINATED	
△ WATER INJECTION		
◆ WATER SUPPLY		
♣ WATER DISPOSAL		



PREPARED BY: DIANA WHITNEY  
 DATE: 29-SEPTEMBER-2004



ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Small water course or stream several hundred feet south of location that flows into Cottonwood Creek.

FLORA/FAUNA: Typical P/J habitat, sparse ground cover, some sage and prickly pear cactus, mule deer, coyote, rabbit, raccoon, birds of prey and smaller birds and insects native to region.

SOIL TYPE AND CHARACTERISTICS: Reddish-brown sandy loam with underlying sandstone shelves.

SURFACE FORMATION & CHARACTERISTICS: Duchesne River Formation

EROSION/SEDIMENTATION/STABILITY: active erosion, some sedimentation, no stability problems anticipated

PALEONTOLOGICAL POTENTIAL: None observed during onsite visit

RESERVE PIT

CHARACTERISTICS: Proposed on northwest corner of location in cut, and measuring 60'x 150'x 10' deep and parallel to wellhead from prevailing winds.

LINER REQUIREMENTS (Site Ranking Form attached): 27 points

SURFACE RESTORATION/RECLAMATION PLAN

According to Landowner agreement or original condition

SURFACE AGREEMENT: Yes, on location surface but still working on some of the right-of-way or access.

CULTURAL RESOURCES/ARCHAEOLOGY: Not done, private lands

OTHER OBSERVATIONS/COMMENTS

North/south Fence line east of access road that turns back west and will need gate, or moved, several sharp, narrow, deep draws along access road that might need culvert, underlying sandstone ledges to east indicating blasting potential for reserve pit construction, small stream several hundred feet south and downhill of location (stream runs into Cottonwood Creek), two drainage or water channels that run north to south across location—both shallow without much drainage above, corner number #7 will be in fill as location overlaps into a dray drainage.

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L. Ingram  
DOGM REPRESENTATIVE

October 18, 2004 11:00 AM  
DATE/TIME

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

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

**Final Score**      27      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

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

**OPERATOR:** Devon Energy Production Company, L.P.  
**WELL NAME & NUMBER:** Sundance 3-14A2  
**API NUMBER:** 43-013-32678  
**LOCATION:** 1/4,1/4 NW/NW Sec: 14 TWP: 01 S RNG: 02W 970' FN\_L 980' FW\_L

**Geology/Ground Water:**

Devon proposes to set 3,500 feet of surface casing which will be cemented to surface. The estimated depth to the base of moderately saline ground water is 1,200 feet. A search of Division of Water Rights records indicates that there are over 60 water wells within a 10,000 foot radius of the proposed location. The nearest water well is approximately 1/2 mile from the proposed site. Most of these wells produce water from the Duchesne River Formation and are less than 200 feet deep. The proposed casing and cementing program should adequately protect the highly used Duchesne River aquifer.

**Reviewer:** Brad Hill **Date:** 10/19/2004

**Surface:**

A presite investigation was done of the surface area to address issues and take comments regarding the construction of this location. Hilton Gardner was given as the landowner of record and therefore invited to the onsite on October 6, 2004. There are three more landowners involved on the access road that were not invited, as their names were not provided to the division. However, the access road on these properties runs down an existing pipeline right-of-way. Clint Turner explained Devon will build the road along that route to appease landowners and future housing development. Two or more draws (or deep ditches) along the northern end of access road might need culverts, and were discussed. There were also a couple shallow drainage channels across proposed location that run from north to southeast and southwest respectively. Devon was told to re-route any drainage around location pad and tie back into the closest natural wash to prevent new erosion. The surface does slope to the south and a small stream was found several hundred feet below or south of location. Furthermore, a draw is located to the east and corner number 7 stakes up in the upper end in fill. Sandstone outcroppings were noted in that draw and indicate the surface area has underlying sandstone shelves. Therefore, the reserve pit will need a pit liner because of potential ground water and underlying fractured sandstone.

**Reviewer:** Dennis L. Ingram **Date:** October 18, 2004

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

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.



**Water Rights**

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner Name</b>
<u>43-10022</u>	Underground N809 E694 SW 12 1S 2W US	<u>well info</u>	P	19880112	DIS	0.015	0.000	WADE J. AND ELLEN BOWTHORPE P.O. BOX 1748
<u>43-10180</u>	Underground S286 E36 N4 22 1S 2W US		P	19891114	DIS	0.015	1.730	SHERRON BOREN RT. 1 BOX 1395
<u>43-10354</u>	Underground S137 E530 NE 09 1S 2W US	<u>well info</u>	P	19920722	DIS	0.000	1.190	CHESTER AND JUNE P. O. BOX 304
<u>43-10471</u>	Underground N970 W150 SE 23 1S 2W US	<u>well info</u>	A	20000817	DIS	0.000	4.730	MICHAEL D. AND B. CROZIER RT. 1 BOX 1474
<u>43-10598</u>	Underground S300 E350 W4 02 1S 2W US	<u>well info</u>	A	19960429	DIS	0.000	4.730	DANNY W. MURRAY P. O. BOX 236
<u>43-10606</u>	Underground S306 W598 NE 16 1S 2W US	<u>well info</u>	P	19960603	DI	0.000	1.450	DANIEL R. AND PAT RT. 1 BOX 1383
<u>43-10786</u>	Underground N200 W1225 E4 23 1S 2W US	<u>well info</u>	A	19971114	IS	0.000	1.028	ROBERT A. NIELSON RT. 1 BOX 1477
<u>43-10846</u>	Underground S650 W2250 NE 24 1S 2W US	<u>well info</u>	A	19980708	DIS	0.000	3.730	BRENT K. AND ANN RT. 1 BOX 1161
<u>43-10902</u>	Underground S400 W950 NE 25 1S 2W US	<u>well info</u>	A	19990325	DIS	0.000	3.730	TERRY AND NANCY 183 SOUTH 1300 EAS
<u>43-10944</u>	Underground S1000 W2200 NE 23 1S 2W US	<u>well info</u>	A	19990712	IS	0.000	1.500	ROBERT NIELSON RT1 BOX 1477
<u>43-10954</u>	Underground	<u>well info</u>	A	19990802	DIS	0.000	3.740	STACEY DAVENPOR

	N100 E50 S4 15 1S 2W US					RT. 1 BOX 1387
<u>43-10977</u>	Underground	<u>well info</u>	A	19991012 DIS	0.000 1.480	DOYLE L. AND JEAN P.O. BOX 278
	S50 W850 NE 25 1S 2W US					
<u>43-11004</u>	Underground	<u>well info</u>	A	20000222 DIS	0.000 1.480	LORNA ANDERTON P.O. BOX 970142
	N330 W500 E4 23 1S 2W US					
<u>43-11021</u>	Underground	<u>well info</u>	A	20000421 DIS	0.000 1.480	DONNA M. BROWN RT. 1 BOX 1365
	S1950 W200 NE 04 1S 2W US					
<u>43-11047</u>	Underground	<u>well info</u>	A	20000629 DIS	0.000 1.340	DERWIN D. & JODY I RT 1 BOX 1142
	N380 W80 SE 24 1S 2W US					
<u>43-11057</u>	Underground	<u>well info</u>	A	20000801 DIS	0.000 1.480	ROBERT A. NIELSON RT. 1 BOX 1477
	S1380 W1450 NE 23 1S 2W US					
<u>43-11060</u>	Underground	<u>well info</u>	A	20000803 DIS	0.000 1.480	MIKE KENDALL 2720 EAST 1600 NOR
	S200 W200 N4 09 1S 2W US					
<u>43-11061</u>	Underground		A	20000804 DIS	0.000 3.730	RICHARD J. AND KA P. O. BOX 367
	S300 W355 NE 12 1S 2W US					
<u>43-11082</u>	Underground	<u>well info</u>	A	20000919 DIS	0.000 1.480	BYRON J. GILBERT RR 1 BOX 1380
	N200 W450 S4 03 1S 2W US					
<u>43-11103</u>	Underground		A	20001120 DIS	0.000 1.480	K. WALLACE JENSEI TRUST 885 ROLLING HILLS
	S1050 W1050 E4 10 1S 2W US					
<u>43-11119</u>	Underground		A	20010222 S	0.000 3.730	CECIL L. & VELMA I RT 1 BOX 1379
	S2100 W1500 NE 09 1S 2W US					
<u>43-11129</u>	Underground		A	20010430 DIS	0.000 1.480	BRENDA KAYE JACI C/O JANE ALEXAND
	S150 W150 E4 23 1S 2W US					
<u>43-11137</u>	Underground	<u>well info</u>	A	20010410 DIS	0.000 1.480	ROBERT A. & PAMEI

	N1300 W900 E4 23 1S 2W US						RT 1 BOX 1477
<u>43-11199</u>	Underground	<u>well info</u>	A	20011102 DIS	0.000 1.480		RODNEY D. OLSEN
	N180 W75 SE 02 1S 2W US						ROUTE 1 BOX 1183
<u>43-11274</u>	Underground		A	20020828 S	0.000 1.480		BEN AND ROBIN ME
	S150 W1460 NE 11 1S 2W US						RT. 1 BOX 1358
<u>43-11348</u>	Underground	<u>well info</u>	A	20021216 S	0.000 1.460		JACQUELINE W. KO
	S330 W300 NE 25 1S 2W US						PO BOX 973
<u>43-11359</u>	Underground		A	20030113 DI	0.000 1.450		GEORGE G. AND JAC KOGIANES
	S330 W300 NE 25 1S 2W US						P. O. BOX 973
<u>43-11359</u>	Underground		A	20030113 DI	0.000 1.450		GEORGE G. AND JAC KOGIANES
	S275 W280 NE 25 1S 2W US						P. O. BOX 973
<u>43-11427</u>	Underground		P	19710816 DS	0.079 0.000		ROBERT A. & PAMEL 3835 WEST 6000 NOR
	N1200 W1960 E4 23 1S 2W US						
<u>43-11547</u>	Underground	<u>well info</u>	A	19990712 DIS	0.000 2.230		ROBERT NIELSON
	S1000 W2200 NE 23 1S 2W US						ROUTE 1 BOX 1477
<u>43-11548</u>	Underground	<u>well info</u>	A	19971114 DS	0.000 0.702		ROBERT A. NIELSON
	N200 W1225 E4 23 1S 2W US						RT. 1 BOX 1477
<u>43-1519</u>	Underground		P	1920 D	0.015 0.000		HEBER J. GLENN
	S580 W140 E4 04 1S 2W US						P.O. BOX #60
<u>43-1973</u>	Underground		P	19680417 DIS	0.015 0.000		EBBIE H. DAVIS
	N1518 W163 SE 22 1S 2W US						715 NORTH 25TH STI
<u>43-2004</u>	Underground		P	19601019 DIS	0.025 0.000		RICHARD D. OLSEN
	S861 W1010 E4 01 1S 2W US						NEOLA UT
<u>43-2432</u>	Underground		P	19340000 DS	0.100 0.000		FRANK CHASEL
	S590 E2221 NW 13 1S 2W US						NEOLA UT 84053
<u>43-2437</u>	Underground		P	19710308 DS	0.050 0.000		MILTON D. ALEXAN

	S200 E1470 W4 23 1S 2W US					BOX 811
<u>43-2438</u>	Underground		P	19710308 DIS	0.012 0.000	MILTON D. ALEXAN BOX 811
	N1720 E1070 S4 23 1S 2W US					
<u>43-2519</u>	Underground		P	19591013 DIS	0.007 0.000	JOSEPH W. ANDERSO ROOSEVELT UT 8406
	S60 E825 N4 25 1S 2W US					
<u>43-2956</u>	Underground		P	19730824 D	0.015 0.000	CHEVRON OIL COME P.O.BOX 599
	N1125 W310 SE 03 1S 2W US					
<u>43-3247</u>	Underground		P	19400401 DS	0.001 0.000	JAMES POWELL RFD #2
	N270 W400 S4 13 1S 2W US					
<u>43-3287</u>	Underground		P	19450115 D	0.015 0.000	JOEL PARRY RFD #2
	S106 W100 NE 26 1S 2W US					
<u>43-3297</u>	Underground		P	19451017 DS	0.002 0.000	LEONARD BOREN ROOSEVELT UT 8406
	S138 E125 W4 15 1S 2W US					
<u>43-3312</u>	Underground	<u>well info</u>	P	19460215 DS	0.005 0.000	ARLIN K. AND PHYLL 620 EAST 100 SOUTH
	S600 W100 E4 04 1S 2W US					
<u>43-3314</u>	Underground		P	19460302 D	0.015 0.000	HAROLD C. MARX 1103 FINEGROVE ST.
	S60 W450 NE 25 1S 2W US					
<u>43-3328</u>	Underground	<u>well info</u>	P	19460504 D	0.015 0.000	HOWARD CRAPO ROOSEVELT UT 8406
	N420 W1080 S4 23 1S 2W US					
<u>43-3359</u>	Underground		P	19470307 S	0.015 0.000	BLAINE J. & LAURA ROOSEVELT UT 8406
	N132 E50 W4 15 1S 2W US					
<u>43-3364</u>	Underground		P	19470422 D	0.020 0.000	J. C. CROW R.F.D.#2
	S53 W840 NE 09 1S 2W US					
<u>43-3455</u>	Underground		P	19520714 D	0.015 0.000	CECIL BOREN ROOSEVELT UT 8406
	S265 W115 NE 21 1S 2W US					
<u>43-3456</u>	Underground		P	19520723 DI	0.015 0.000	S. GAIL AND IDA L. J ROUTE 1 BOX 93
	S9 E1180 N4 26 1S 2W US					
<u>43-3475</u>	Underground		P	19530602 D	0.015 0.000	MARGARET S. BORE

	N480 W110 SE 09 1S 2W US					R.F.D. #2
<u>43-3510</u>	Underground	P	19540709 D	0.015 0.000	ELRAY DUNCAN	
	N1300 E80 SW 18 1S 1W US				RFD #2	
<u>43-3529</u>	Underground	P	19550716 D	0.015 0.000	CLIFFORD WOODW	
	N80 E1960 SW 22 1S 2W US				RFD 2	
<u>43-3542</u>	Underground	P	19560412 S	0.100 0.000	JOSEPH R. DUNCAN	
	N1363 E2590 W4 12 1S 2W US				R.F.D. ROUTE #2	
<u>43-3585</u>	Underground	P	19581202 DI	0.015 0.000	ERMA PACE	
	S171 W60 NE 28 1S 2W US				ROOSEVELT UT 8406	
<u>43-3690</u>	Underground	P	19630313 D	0.015 0.000	VICTOR C. BROWN	
	N660 E150 W4 03 1S 2W US				ROOSEVELT UT 8406	
<u>43-3898</u>	Underground	<u>well info</u>	P	19270810 DS	0.002 0.000	BLAINE J. & LAURA
	S8 E87 NW 15 1S 2W US				ROOSEVELT UT 8406	
<u>43-42</u>	Underground	<u>well info</u>	P	19680109 DIS	0.015 0.000	JOSEPH DUNCAN
	S30 W790 N4 12 1S 2W US				ROUTE #2	
<u>43-4904</u>	Underground	P	19180000 DIS	0.003 0.000	GEORGE H. ROBERT	
	S101 W173 NE 25 1S 2W US				ROOSEVELT UT 8406	
<u>43-4920</u>	Underground	<u>well info</u>	P	19150000 DIS	0.007 0.000	MICHAEL D. AND B/ CROZIER
	N526 W82 SE 23 1S 2W US				P.O. BOX 165	
<u>43-4944</u>	Underground	P	19340000 MS	0.045 0.000	C. A. BROWN	
	N607 W890 E4 04 1S 2W US				CAPITOL BUILDING	
<u>43-4957</u>	Underground	P	19250000 DIS	0.007 0.000	EARL D. & JANET PA	
	S47 W1100 NE 25 1S 2W US				7522 SPRING DR.	
<u>43-4968</u>	Underground	P	19250119 DS	0.002 0.000	NEWT MILLER	
	S3370 E102 NW 10 1S 2W US				ROOSEVELT UT 8406	
<u>43-4971</u>	Underground	P	19100000 DI	0.007 0.000	J. R. MORROW	
	N1520 W1455 SE 24 1S 2W US				P.O. BOX 807	
<u>43-4984</u>	Underground	P	19340810 M	0.022 0.000	MONARCH WELL	

	N600 W95 E4 04 1S 2W US					C/O C. A. BROWN
<u>43-4985</u>	Underground		P	19100000 DIS	0.005 0.000	MELVIN R. MOWER
	N1519 W164 SE 22 1S 2W US					ROOSEVELT UT 8406
<u>43-4987</u>	Underground		P	19180000 DS	0.003 0.000	UTAH SCHOOL AND INSTITUTIONAL TRI ADMIN.
	N301 W98 S4 23 1S 2W US					675 EAST 500 SOUTH
<u>43-4988</u>	Underground		P	19190000 DS	0.002 0.000	UTAH SCHOOL AND INSTITUTIONAL TRI ADMIN.
	S1444 W306 NE 24 1S 2W US					675 EAST 500 SOUTH
<u>43-4990</u>	Underground		P	19180000 DS	0.008 0.000	UTAH SCHOOL AND INSTITUTIONAL TRI ADMIN.
	N500 E1735 W4 10 1S 2W US					675 EAST 500 SOUTH
<u>43-4992</u>	Underground		P	19180000 DIS	0.004 0.000	STEVEN J. AND VAL HAMBLIN
	N340 W178 SE 22 1S 2W US					43 WEST 300 NORTH
<u>43-4995</u>	Underground	<u>well info</u>	P	19200000 DS	0.004 0.000	OWEN D. AND GLEN ANDERSON
	S192 W208 N4 27 1S 2W US					ROOSEVELT UT 8406
<u>43-4999</u>	Underground		P	19200000 DS	0.022 0.000	UTAH SCHOOL AND INSTITUTIONAL TRI ADMIN.
	S200 W200 E4 10 1S 2W US					675 EAST 500 SOUTH
<u>43-5035</u>	Underground		P	19211200 D	0.011 0.000	GEORGE E. YEAGER
	N620 E225 W4 03 1S 2W US					ROUTE #2
<u>43-5046</u>	Underground		P	19350000 DS	0.030 0.000	LOUIS LORANGER
	N150 E85 SW 22 1S 2W US					ROOSEVELT UT 8406
<u>43-5053</u>	Underground		P	19150000 DIS	3.000 0.000	ELLA MAY WAGNER
	S20 E150 W4 19 1S 1W US					3007 SOUTH STATE S
<u>43-6</u>	Underground	<u>well info</u>	P	19610517 IS	0.004 0.000	MELVIN R. MOWER
	S368 E100 W4 22 1S 2W US					ROUTE #1

<u>43-6806</u>	Underground	P	19230600 DIS	0.022 0.000	BLAINE J. & LAURA ROUTE 1, BOX 73
	S733 E89 NW 15 1S 2W US				
<u>43-6826</u>	Underground	P	19710816 IS	0.121 0.000	ROBERT A. SR. AND NIELSON 3835 WEST 6000 NOR
	N1200 W1960 E4 23 1S 2W US				
<u>43-6829</u>	Underground	P	19710826 DI	0.015 0.000	C. C. OLSEN ROUTE 1 BOX 31
	N150 W1370 E4 12 1S 2W US				
<u>43-6837</u>	Underground	P	19710929 S	0.015 0.000	MILTON D. AND JAN ALEXANDER BOX 811
	N1100 E15 SW 24 1S 2W US				
<u>43-6842</u>	Underground	P	19340000 DIS	0.033 0.000	HAZEL ANDERTON ROOSEVELT UT 8400
	N790 W660 SE 11 1S 2W US				
<u>43-6884</u>	Underground	<u>well info</u> P	19720628 DIO	0.015 0.000	GARY OPERATING C P.O. BOX 1271
	S2105 E160 NW 23 1S 2W US				
<u>43-6903</u>	Underground	P	19720811 D	0.015 0.000	CHEVRON PIPE LINE P.O. BOX 117
	S400 E760 NW 22 1S 2W US				
<u>43-71</u>	Underground	P	19671013 DIS	0.015 0.000	JEAN H. HAMBLIN RT. 1 BOX 1382
	N1450 W250 SE 09 1S 2W US				
<u>43-7250</u>	Underground	P	19720825 DI	0.008 0.000	TERRY P. ALEXAND ROUTE #1 BOX 90B
	N200 W580 S4 23 1S 2W US				
<u>43-7261</u>	Underground	P	19720922 DIS	0.011 0.000	JEAN H. HAMBLIN ROUTE 1 BOX 1382
	N350 W300 E4 09 1S 2W US				
<u>43-7291</u>	Underground	<u>well info</u> P	19721113 DIS	0.015 0.000	KIM A. AND SHARRC ANDERTON ROUTE 1 BOX 1394
	S1670 E200 W4 15 1S 2W US				
<u>43-7314</u>	Underground	P	19730202 DI	0.015 0.000	C. C. & DEEATHA OI ROUTE 1, BOX 31
	S30 W1090 E4 12 1S 2W US				
<u>43-7409</u>	Underground	P	19740201 DIS	0.030 0.000	JOANN NELSON ROUTE 1 BOX 1165
	N142 E117 SW 18 1S 1W US				
<u>43-7421</u>	Underground	P	19740225 DIS	0.015 0.000	CLIFFORD M. & LET.
	N650 W700 E4 21 1S				

	2W US					ROUTE 1
<u>43-7457</u>	Underground	P	19820304 DIS	0.250	0.000	CLARENCE N. AND C NIELSON
	N450 W50 E4 23 1S 2W US					ROUTE #1, BOX 92F
<u>43-7461</u>	Underground	A	19740401 DIS	0.015	0.000	EMMITT & SHARON
	S90 W300 NE 27 1S 2W US					ROUTE 1 BOX 81
<u>43-7479</u>	Underground	P	19740429 DIS	0.015	0.000	VERLAND S. NELSON
	N300 E100 W4 19 1S 1W US					ROUTE 1, BOX 24A
<u>43-7482</u>	Underground	P	19740429 DIS	0.015	0.000	TERRY AND JERRY
	N635 W570 S4 23 1S 2W US					ROUTE 1, BOX 90-B
<u>43-7505</u>	Underground	P	19740523 DIS	0.015	0.000	DUANE BOREN
	N580 W1235 E4 16 1S 2W US					ROUTE #1, BOX 73B
<u>43-7534</u>	Underground	P	19740701 DIS	0.015	0.000	ERNEST N. AND SAU BROWN
	N1780 W765 SE 04 1S 2W US					ROUTE #1, BOX 65
<u>43-7609</u>	Underground	P	19740919 IS	0.038	0.000	S. GAIL AND IDA L.
	S9 E1180 N4 26 1S 2W US					RT. #1, BOX 93
<u>43-7610</u>	Underground	P	19740924 S	0.002	0.000	DUANE AND SHERR
	S464 E249 W4 15 1S 2W US					ROUTE #1
<u>43-7626</u>	Underground	P	19741017 S	0.002	0.000	DUANE AND SHERR
	S500 W500 E4 16 1S 2W US					RT. #1
<u>43-7795</u>	Underground	P	19750926 DIS	0.015	0.000	RICHARD D. OLSEN
	N170 E1980 S4 01 1S 2W US					ROUTE 1, BOX 34
<u>43-7821</u>	Underground	P	19760113 DIS	0.015	0.000	JERRY D. AND JOYC
	N1070 W600 SE 04 1S 2W US					ROUTE 1 BOX 70
<u>43-7827</u>	Underground	P	19760309 DIS	0.015	0.000	TERRY O. AND GEOI CHRISTENSEN
	N345 W150 E4 13 1S 2W US					BOX 15
<u>43-7857</u>	Underground	P	19760419 DIS	0.015	0.000	WARREN K. OLSEN
	N1590 W1535 SE 01 1S 2W US					P.O. BOX 45
<u>43-7886</u>	Underground	P	19760702 DIS	0.015	0.000	KIM AND MARY BLA

	N646 W194 E4 16 1S 2W US					ROUTE 1 BOX 72
<u>43-8026</u>	Underground		P	19770217 DIS	0.015 0.000	ERMA M. PACE 371 WEST 2ND NORTH
	N330 W660 SE 21 1S 2W US					
<u>43-8041</u>	Underground		P	19770308 DI	0.015 0.000	JET ABEGGLEN RT 1, BOX 24A
	S100 E370 NW 30 1S 1W US					
<u>43-8139</u>	Underground	<u>well info</u>	P	19770822 DIS	0.015 0.000	ARLO ROSS AND PA RT 1, BOX 78
	S1110 E615 NW 22 1S 2W US					
<u>43-8194</u>	Underground		P	19771214 DIS	0.015 0.000	DENNIS L. AND MAE DRANEY BOX 57
	N300 E2365 W4 01 1S 2W US					
<u>43-8303</u>	Underground		P	19780718 DIS	0.015 0.000	ROGER F. GRIFFIN BOX 182
	S960 E1565 W4 03 1S 2W US					
<u>43-8324</u>	Underground		P	19780908 DIS	0.015 0.000	BOYD POWELL ROUTE #1 P.O. BOX 2
	S130 W93 N4 24 1S 2W US					
<u>43-8338</u>	Underground		P	19781012 DIS	0.015 0.000	PENMALA CHRISTENSEN ROUTE #1, P.O. BOX
	S650 E150 NW 19 1S 1W US					
<u>43-8485</u>	Underground		P	19820730 S	0.015 0.000	VAL J. KILLIAN BOX 17
	N200 E2715 W4 10 1S 2W US					
<u>43-8503</u>	Underground		P	19820730 S	0.015 0.000	VAL J. KILLIAN BOX 17
	N330 E2715 W4 10 1S 2W US					
<u>43-8506</u>	Underground		P	19790911 DI	0.015 0.000	MELDRIN M. & LOUISE BOX 2152
	N1530 W875 SE 12 1S 2W US					
<u>43-8599</u>	Underground	<u>well info</u>	A	19800321 DIS	0.015 0.000	RAY GRANT P. O. BOX 1325
	N750 W830 SE 24 1S 2W US					
<u>43-8757</u>	Underground		P	19290000 DIS	0.015 0.000	MICHAEL LEE BLANK 1245 NORTH 2376 EAST
	S180 E130 NW 10 1S 2W US					
<u>43-8849</u>	Underground	<u>well info</u>	P	19801023 DIS	0.015 0.000	ERMA P. CARTER 371 WEST 200 NORTH
	0 W600 E4 21 1S 2W US					

<u>43-9144</u>	Underground	<u>well info</u>	A	19820217 DIS	0.015 0.000	CALLEEN ERCANBR ROUTE 1 BOX 1146
	S108 E1530 NW 25 1S 2W US					
<u>43-9251</u>	Underground	<u>well info</u>	A	19820813 DIS	0.015 0.000	VERDA C. REYNOL RT. 1, BOX 89
	S165 E828 NW 26 1S 2W US					
<u>43-9262</u>	Underground	<u>well info</u>	A	19820913 DIS	0.015 0.000	MILTON D. AND JAN BOX 811
	N420 W1080 S4 23 1S 2W US					
<u>43-9263</u>	Underground	<u>well info</u>	A	19820913 DIS	0.015 0.000	MILTON D. AND JAN BOX 811
	S1140 W100 E4 23 1S 2W US					
<u>43-9264</u>	Underground	<u>well info</u>	P	19820913 DIS	0.015 0.000	MILTON D. AND JAN P.O. BOX 811
	S240 E1463 NW 26 1S 2W US					
<u>43-9373</u>	Underground	<u>well info</u>	A	19830504 DIS	0.015 0.000	IDA L. ANDERTON ROUTE 1, BOX 93
	N122 W479 SE 23 1S 2W US					
<u>43-9496</u>	Underground	<u>well info</u>	A	19831227 DIS	0.015 0.000	KENNETH BYWATEL C. MORTON ROUTE 1
	N221 E678 S4 24 1S 2W US					
<u>43-9516</u>	Underground	<u>well info</u>	A	19840308 DIS	0.015 0.000	TERRY AND ELLA J P.O. BOX 322
	N195 E1005 SW 12 1S 2W US					
<u>43-9550</u>	Underground	<u>well info</u>	A	19840510 DIS	0.015 0.000	BRUCE L. BOREN ROUTE 1, BOX 74 B
	S1130 W600 NE 21 1S 2W US					
<u>43-9796</u>	Underground		A	19860404 DIS	0.015 0.000	DANIEL A. NIELSON ROUTE #1 BOX 1474
	N410 W1230 E4 23 1S 2W US					
<u>43-9862</u>	Underground		P	19951128 S	0.000 4.704	STEVEN J. AND VAL HAMBLIN 43 WEST 300 NORTH
	N340 W180 SE 22 1S 2W US					
<u>43-9862</u>	Underground		P	19951128 S	0.000 4.704	STEVEN J. AND VAL HAMBLIN

	N29 W133 SE 22 1S 2W US					43 WEST 300 NORTH
<u>43-9924</u>	Underground	<u>well info</u>	P	19860702 DIS	0.015 0.000	SCOTT AND JERI LY
	N301 W207 SE 16 1S 2W US					ROUTE 1, BOX 1396
<u>a29237</u>	Underground		U	20040728 DS	0.079 1.964	ROBERT A. & PAMEL
	S1380 W1450 NE 23 1S 2W US					3835 WEST 6000 NOR
<u>a29239</u>	Underground		U	20040728 D	0.000 2.230	ROBERT NIELSON
	S1380 W1450 NE 23 1S 2W US					ROUTE 1 BOX 1477
<u>a29240</u>	Underground		U	20040728 D	0.000 0.702	ROBERT A. NIELSON
	S1380 W1450 NE 23 1S 2W US					RT. 1 BOX 1477

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Well name:

**10-04 Devon Sundance 3-14A2**

Operator: **Devon Energy Prod Co**

String type: **Surface**

Project ID:

43-013-32678

Location: **Duchesne County**

**Design parameters:**

**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 124 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 450 ft  
Cement top: 0 ft

**Burst**

Max anticipated surface pressure: 3,042 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP 3,462 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 3,063 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,500 ft  
Next mud weight: 9.200 ppg  
Next setting BHP: 4,062 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 3,500 ft  
Injection pressure 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	3500	8.625	32.00	K-55	ST&C	3500	3500	7.875	222.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1527	2530	1.657	3462	3930	1.14	98	402	4.10 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 810-538-5280  
FAX: 801-359-3940

Date: October 19,2004  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**10-04 Devon Sundance 3-14A2**

Operator: **Devon Energy Prod Co**

String type: Production

Project ID:

43-013-32678

Location: Duchesne County

**Design parameters:**

**Collapse**

Mud weight: 9.200 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 194 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft  
Cement top: 1,776 ft

**Burst**

Max anticipated surface pressure: 163 psi  
Internal gradient: 0.459 psi/ft  
Calculated BHP 4,062 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on buoyed weight.  
Neutral point: 7,314 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	8500	5.5	17.00	N-80	LT&C	8500	8500	4.767	292.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4062	6290	1.548	4062	7740	1.91	124	348	2.80 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: 810-538-5280  
FAX: 801-359-3940

Date: October 19,2004  
Salt Lake City, Utah

Remarks:

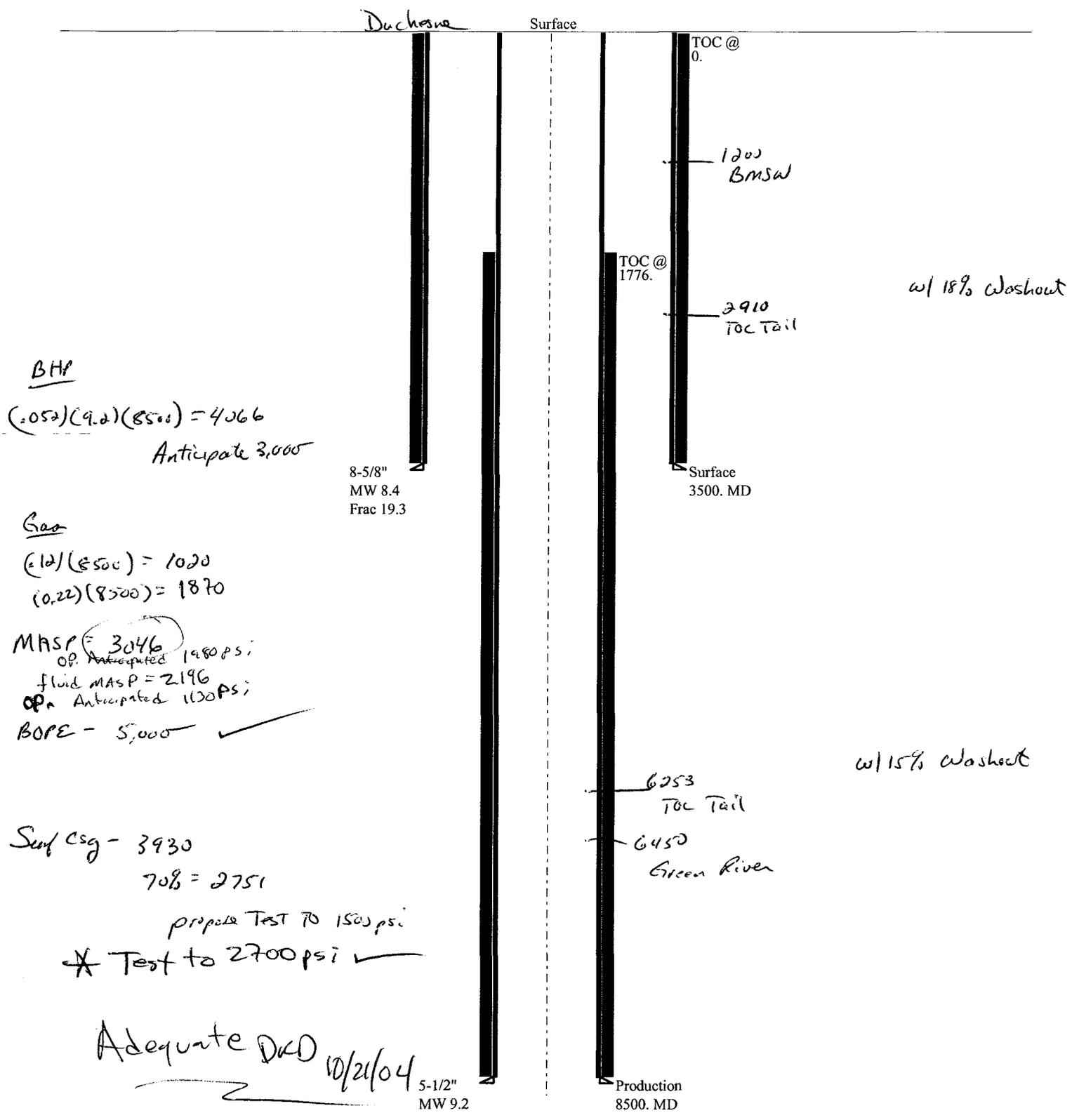
Collapse is based on a vertical depth of 8500 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# 10-04 Devon Sundance 3-14-02

## Casing Schematic



BHP  
 $(.052)(9.2)(8500) = 4066$   
 Anticipate 3,000

Gao  
 $(.12)(8500) = 1020$   
 $(.22)(8500) = 1870$

MASP = 3046  
 OP Anticipated 1980 psi;  
 fluid MASP = 2196  
 OP Anticipated 1130 psi;  
 BOPE - 5,000 ✓

Surf csg - 3930  
 70% = 2751  
 prepare TEST TO 1500 psi  
 \* Test to 2700 psi ✓

Adequate DAD 10/21/04  
 5-1/2" MW 9.2

w/ 18% Washout

w/ 15% Washout



## State of Utah

Department of  
Natural ResourcesROBERT L. MORGAN  
*Executive Director*Division of  
Oil, Gas & MiningLOWELL P. BRAXTON  
*Division Director*OLENE S. WALKER  
*Governor*GAYLE F. McKEACHNIE  
*Lieutenant Governor*

October 25, 2004

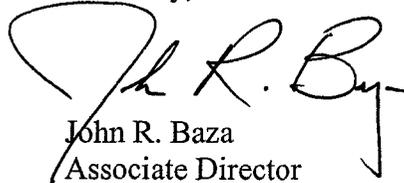
Devon Energy Production Company, L P  
20 North Broadway  
Oklahoma City, OK 73102Re: Sundance 3-14A2 Well, 970' FNL, 980' FWL, NW NW, Sec. 14, T. 1 South,  
R. 2 West, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32678.

Sincerely,



John R. Baza  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor

**Operator:** Devon Energy Production Company, L P  
**Well Name & Number** Sundance 3-14A2  
**API Number:** 43-013-32678  
**Lease:** Fee

**Location:** NW NW                      **Sec.** 14                      **T.** 1 South    **R.** 2 West

### Conditions of Approval

#### 1. General

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

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

#### 3. Reporting Requirements

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

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

#### 5. A 8 5/8" surface casing shall be tested to 2700 psi (R649-3-7-3).

# DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

Name of Company: DEVON ENERGY PROD COMPANY LP

Well Name: SUNDANCE 3-14-A2

Api No: 43-013-32678 Lease Type: FEE

Section 14 Township 01S Range 02W County DUCHESNE

Drilling Contractor NABORS RIG # 204

### SPUDDED:

Date 05/31/05

Time 3:00 PM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DUANE BRUNER

Telephone # 1-307-380-8239 OR CELL 580-583-0876

Date 06/01/2005 Signed CHD

**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 checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Devon Energy Production Company, L. P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 20 North Broadway CITY Oklahoma City STATE OK ZIP 73102		7. UNIT or CA AGREEMENT NAME: NW 498
4. LOCATION OF WELL FOOTAGES AT SURFACE: 970' FNL & 980' FWL COUNTY: Duchesne		8. WELL NAME and NUMBER: Sundance 3-14A2
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 14 1S 2W U STATE: UTAH		9. API NUMBER: 43-013-32678
PHONE NUMBER: (405) 552-8125		10. FIELD AND POOL, OR WILDCAT: Bluebell, Upper Green River

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>5/30/2005</u>	<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 checked="" 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>Extend proposed TD</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.

For your approval: Devon Energy is currently drilling at 1000' in the subject well, but would like to extend its proposed total depth from 8,500' TD to 9,600' TD, remaining in the Upper Green River formation for this well.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 06-06-05  
By: [Signature]

**RECEIVED**

**JUN 03 2005**

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
Date: 6-2-05  
Initials: [Signature]

NAME (PLEASE PRINT) <u>Billy Johnson</u>	TITLE <u>Operations Associate</u>
SIGNATURE <u>[Signature]</u>	DATE <u>5/31/2005</u>

(This space for State use only)

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

FORM 6

**ENTITY ACTION FORM**

Operator: Devon Energy Production Company, L. P. Operator Account Number: N 1275  
 Address: 20 North Broadway  
city Oklahoma City  
state OK zip 73102 Phone Number: (405) 552-8125

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
013-32678	Sundance 3-14A2		NWSE	14	1S	2W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	14749	5/30/2005			6/9/05	
Comments: <u>GRW</u>							

K

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>  <b>JUN 06 2005</b> </div>							
Comments: <u> </u>							

DIV. OF OIL, GAS & MINING

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments: <u> </u>							

**ACTION CODES:**

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

Billy Johnson

Name (Please Print)

*Billy Johnson*  
Signature

Operations Associate

5/31/2005

Title

Date

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: Devon Energy Production Company, L. P. Contact: Billy Johnson		8. WELL NAME and NUMBER: Sundance 3-14A2
3. ADDRESS OF OPERATOR: 20 North Broadway CITY Oklahoma City STATE OK ZIP 73102		9. API NUMBER: 4301332678
4. LOCATION OF WELL FOOTAGES AT SURFACE: 970' FNL & 980' FWL COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 14 1S 2W U STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Bluebell

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/27/2005</u>  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/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"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____

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

The subject well was deemed nonproductive via DST by Devon and now proposes to plug and abandoned the well. This well was drilled to TD at 9600'. 3500' - 9600' is openhole.

The proposed plug depths are to be spotted as follows:

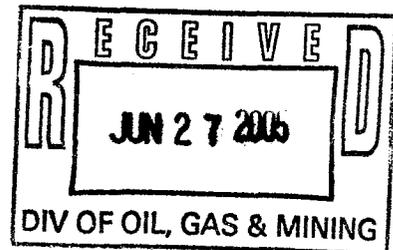
- #1) 6648'-6248' (400')
- #2) 3600'-3400' (200')
- #3) 100'- 0 (100')

Additional casing and cement information follows:

June 6, 2005 - RUN SURFACE CASING 8.625 J-55 LTC 79-JTS to 3460'  
STG 1: 1,247SX 50/50-POZ,

June 6, 2005 - CEMENTED SURFACE CASING @ 3500' to Surface  
STG 2: 370SX Class "G" 60-BBL CEMENT TO SURFACE.

A plug to abandon recommendation with procedure, and Hook-Straddle DST is attached.



NAME (PLEASE PRINT) <u>Billy Johnson</u>	TITLE <u>Operations Associate</u>
SIGNATURE <u><i>Billy Johnson</i></u>	DATE <u>6/27/2005</u>

(This space for State use only)

COPIES SENT TO OPERATOR  
DATE: 6-28-05  
INITIALS: CHD

(See Instructions on Reverse Side)

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 6/27/05  
BY: [Signature]  
\* See Conditions of Approval (Attached)

**Sundance 3-14A2 6/27/05**

- 1. TIH with open ended drill pipe to @ 6648'. Spot 400' balanced cement plug # 1 in open hole. (See Halliburton cement design as attached.) Chain out of the hole to 5800.' Circulate for 4 – 6 Hrs while WOC. TIH and tag cement plug once surface samples have set.**
- 2. POH to 3600'. Spot 200' balanced cement plug # 2 in open hole/casing. (See Halliburton cement design as attached.) Chain out of the hole to 3200.' Circulate for 4 – 6 Hrs while WOC. TIH and tag cement plug once surface samples have set.**
- 3. POH to 100'. Spot 100' balanced cement plug # 3 in casing. Note: 8-5/8" surface casing is set at 3500'. (See Halliburton cement design as attached.) WOC.**
- 4. POH and fill casing void such that cement is at the base of the cellar.**
- 5. Cut off casing at the base of the cellar and salvage well head. Weld on 1/4" thick minimum metal plate with weep hole. Inscribe well location and identity on plate. Rig down and MORT.**



**State of Utah**  
**Department of**  
**Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of**  
**Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

***CONDITIONS OF APPROVAL***  
***TO PLUG AND ABANDON WELL***

Well Name and Number: Sundance 3-14A2  
API Number: 43-013-32678  
Operator: Devon Energy Production Company, L.P.  
Reference Document: Original Sundry Notice dated June 27, 2005,  
received by DOGM on June 27, 2005

Approval Conditions:

1. Notify the Division prior to conducting abandonment operations. Please call Dennis Ingram at 435-722-7584.
2. ADD PLUG: A plug shall be added across the base of the moderately saline groundwater from  $\pm 1300'$  to  $1200'$  ( $\pm 30$  sx).
3. AMEND: Surface Plug (proposed plug from  $4250'$  to  $4150'$ ) shall be amended. Total plug length should be  $200'$  from  $200'$  to surface' ( $\pm 80$  sx) to ensure isolation of the freshwater zones that water wells are being produced from.
4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration. Evidence of compliance with this rule should be supplied to the Division upon completion of reclamation.
5. All intervals between plugs shall be filled with noncorrosive fluid.
6. All annuli shall be cemented from a minimum depth of  $100'$  to the surface.
7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
8. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

June 27, 2005

Date

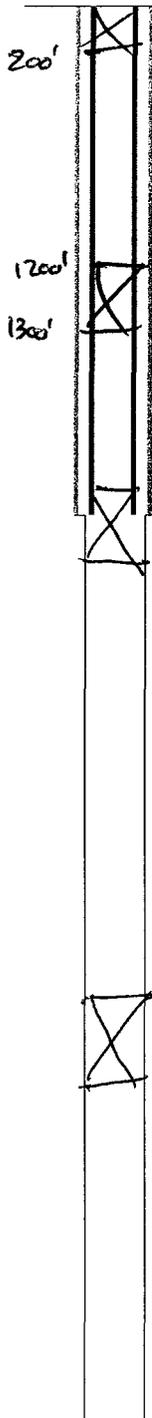
API Well No: 43-013-32678-00-00 Permit No:  
 Company Name: DEVON ENERGY PROD CO LP  
 Location: Sec: 14 T: 1S R: 2W Spot: NWNW  
 Coordinates: X: 577897 Y: 4472385  
 Field Name: BLUEBELL  
 County Name: DUCHESNE

Well Name/No: SUNDANCE 3-14A2

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (t/cf)
HOL1	3460	12.25			
SURF	3460	8.625	36	3460	2.994
HOL2	9600	7.875			

$$\frac{(1.2)(7.875)^2}{183.35} = 0.4871 \longrightarrow 2.053$$



Surface Plug

Propose 100' plug (315x)  
 $100' / (1.15)(2.994) = 295x$   
 \*Add  $\rightarrow$  200' to surface instead of 100' to surface  
 to ensure protection of near surface GW ( $\pm 60sx$ )

BMS @ 1200'  
 \*Add 100' plug ( $\pm 30sx$ )

Cement from 3460 ft. to surface  
 Hole: 12.25 in. @ 3460 ft.  
 Surface: 8.625 in. @ 3460 ft.

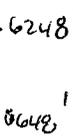
Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
SURF	3460	0	PC	1247
SURF	3460	0	G	370

Plug 2

Propose 200' plug 3600'-3400'  
 $40' / (1.15)(2.053) = 60sx$   
 $60' / (1.15)(2.994) = 18sx$   
 78sx total min  
 Propose 110sx ✓

Perforation Information



Plug 1

Propose 400' plug 6648'-6248'  
 $400 / (1.15)(2.053) = 169sx$  min  
 Propose 185sx ✓

Formation Information  
 Formation Depth

Hole: 7.875 in. @ 9600 ft.

TD: TVD: PBD:



**Devon Energy Production Company Lp**  
**P.o. Box 290**  
**Neola , Utah 84053**

Sundance 3-14A2  
Altamont Field  
Duchesne County, Utah  
United States of America

## **Plug To Abandon Recommendation**

Prepared for:  
June 24, 2005  
Version: 1

Submitted by:  
Rob Kruger  
Halliburton Energy Services  
Vernal Ut Us  
1085 E Main  
Vernal, Utah 84078  
+435.789.2550

**HALLIBURTON**

**HALLIBURTON**

---

*Halliburton appreciates the opportunity to present  
this proposal and looks forward to being of service to you.*

**Foreword**

---

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: \_\_\_\_\_  
John Jorgensen  
Procedure Analyst

Submitted by: \_\_\_\_\_  
Rob Kruger  
Account Leader

SERVICE CENTER: Vernal Utah  
SERVICE COORDINATOR: Willis Lefevre  
OPER. ENGINEER: Rick Curtice  
PHONE NUMBER:(800)874-2550

**HALLIBURTON*****Job Information******Plug To Abandon***

Sundance	3-14A2
8 5/8" Surface	0 - 3500 ft (MD) 0 - 3500 ft (TVD)
Outer Diameter	8.625 in
Inner Diameter	7.921 in
Linear Weight	32. lbm/ft
7 7/8" Open Hole	3500 - 9600 ft (MD) 3500 - 9600 ft (TVD)
Inner Diameter	7.875 in
4 1/2" Drill Pipe	0 - 6648 ft (MD) 0 - 6648 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.826 in
Linear Weight	16.60 lbm/ft
Tubing Grade	XH

**HALLIBURTON****Calculations****Plug To Abandon**

---

Spacer:		
Total Spacer	= 0.00 ft <sup>3</sup>	= 0.00 bbl
Cement : (0.00 ft fill)		
Total Plug Cement	= 0.00 ft <sup>3</sup>	= 0.00 bbl
Sacks of Cement	= 185 sks	
Cement : (0.00 ft fill)		
Total Plug Cement	= 0.00 ft <sup>3</sup>	= 0.00 bbl
Sacks of Cement	= 110 sks	
Cement : (0.00 ft fill)		
Plug Cement	= 0.00 ft <sup>3</sup>	= 0.00 bbl
Total Pipe Capacity: (6648.00 ft MD)	= 0.00 ft <sup>3</sup>	

**HALLIBURTON****Job Recommendation****Plug To Abandon**

## Fluid Instructions

Fluid 1: Water Spacer

Water Ahead

Fluid Density: 8.33 lbm/gal  
 Total Volume: 20 bbl  
 Volume Ahead: 20 bbl

## Fluid 2: Plug # 1 Cement

Premium - AG

94 lbm/sk Premium - AG (Cement-api)

Fluid Weight 15.80 lbm/gal  
 Slurry Yield: 1.15 ft<sup>3</sup>/sk  
 Total Mixing Fluid: 4.99 Gal/sk  
 Top of Fluid: 6248 ft  
 Calculated Fill: 400 ft  
 Volume: 38 bbl  
 Calculated Sacks: 185 sks  
 Proposed Sacks: 185 sks

## Fluid 3: Water Based Spacer

Displacement Plug # 1

Fluid Density: 8.33 lbm/gal  
 Total Volume: 88 bbl+/-  
 Volume Ahead: 88 bbl+/-

## Fluid 4: Plug # 2 Cement

Premium - AG

94 lbm/sk Premium - AG (Cement-api)

Fluid Weight 15.80 lbm/gal  
 Slurry Yield: 1.15 ft<sup>3</sup>/sk  
 Total Mixing Fluid: 4.99 Gal/sk  
 Top of Fluid: 3400 ft  
 Calculated Fill: 200 ft  
 Volume: 22.5 bbl  
 Calculated Sacks: 110 sks  
 Proposed Sacks: 110 sks

## Fluid 5: Water Based Spacer

Displacement

Fluid Density: 8.33 lbm/gal  
 Total Volume: 48 bbl+/-  
 Volume Behind: 48 bbl+/-

## Fluid 6: Plug # 3 Cement

Premium - AG

94 lbm/sk Premium - AG (Cement-api)  
 2 % **Calcium Chloride** (Accelerator)  
**( On the side if NEEDED)**

Fluid Weight 15.80 lbm/gal  
 Slurry Yield: 1.17 ft<sup>3</sup>/sk  
 Total Mixing Fluid: 5.02 Gal/sk  
 Top of Fluid: 0 ft  
 Calculated Fill: 100 ft  
 Volume: 6.4 bbl  
 Calculated Sacks: 31 sks  
 Proposed Sacks: 31 sks

**HALLIBURTON****Job Procedure****Plug To Abandon****Detailed Pumping Schedule**

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	20 bbl
2	Cement	Plug # 1	15.8	5.0	185 sks
3	Spacer	Displacement Plug # 1	8.3	5.0	88 bbl+/-
4	Cement	Plug # 2	15.8	5.0	110 sks
5	Spacer	Displacement Plug # 2	8.3	5.0	48 bbl+/-
6	Cement	Plug # 3	15.8	3.0	31 sks

**HALLIBURTON****Cost Estimate****Plug To Abandon****SAP Quote #0**

<u>Mtrl Nbr</u>	<u>Description</u>	<u>Qty</u>	<u>U/M</u>	<u>Unit Price</u>	<u>Gross Amt</u>	<u>Discount</u>	<u>Net Amt</u>
7528	CMT PLUG TO ABANDON BOM	1	JOB	0.00	0.00	40.0%	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	80 1	MI	5.28	422.40	40.0%	253.44
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	3.11	248.80	40.0%	149.28
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI DEPTH FEET/METERS (FT/M)	1 6648 FT	EA	5,692.00	5,692.00	40.0%	3,415.20
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	962.00	40.0%	577.20
	<b>EQUIPMENT &amp; SERVICES</b>						
	<b>SubTotal</b>			<b>USD</b>	<b>7,325.20</b>	<b>40.0%</b>	<b>4,395.12</b>
100003685	PREMIUM AG BULK CEMENT	326	SK	21.04	6,859.04	40.0%	4,115.42
100005053	CALCIUM CHLORIDE HI TEST PLT	1	SK	146.50	146.50	40.0%	87.90
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 15.35	MI	1.81	1,111.34	40.0%	666.80
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	327 1	CF	2.96	967.92	40.0%	580.75
	<b>MATERIALS</b>						
	<b>SubTotal</b>			<b>USD</b>	<b>9,084.80</b>	<b>40.0%</b>	<b>5,450.87</b>
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	0.0%	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	0.0%	48.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	80 1	MI	0.24	19.20	0.0%	19.20
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	80 1	MI	0.08	6.40	0.0%	6.40
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	40 15.35		0.08	49.12	0.0%	49.12
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	130.00	260.00	0.0%	260.00
	<b>SURCHARGES</b>						
	<b>SubTotal</b>			<b>USD</b>	<b>461.72</b>	<b>0.0%</b>	<b>461.72</b>
	<b>Total</b>			<b>USD</b>			<b>16,871.72</b>
	<b>Discount</b>			<b>USD</b>			<b>6,564.01</b>
	<b>Discounted Total</b>			<b>USD</b>			<b>10,307.71</b>

Primary Plant: Vernal, UT, USA  
Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US  
Price Date: 2/1/2004

# HALLIBURTON

---

## **Conditions**

---

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2<sup>nd</sup> or 3<sup>rd</sup> call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

[http://www.halliburton.com/hes/general\\_terms\\_conditions.pdf](http://www.halliburton.com/hes/general_terms_conditions.pdf) for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

**Cover Page and General Inf**

**General**

Service Order Number	11001142
Company	Devon Energy
Test Description	Hook-Straddle DST
Report Date	June 25, 2005
Test Date	June 25, 2005
Company Representative	Pete Thomas
SWS Rep	Kirk Beasley

**Well Description**

Well Name	Sundance
Well Number	3-14A2
Field	Blue Bell
County/Parish	Duchesne
Rig Name	Nabors 204
State	Utah

**Wellbore Configuration**

Total Depth [MD/TVD] (ft)	9,600/9,600
Casing Liner ID (in)	8.625
Casing Liner Top (ft)	
Wellbore Radius (ft)	7.875
Mud Weight (lb/gal)	10
Mud Type	Spud Mud

**Test Identification**

Test Number	One
Formation	Green River
Interval (MD)	8,502 - 8,524

**Key Information**

Initial Hydrostatic Pressure	4482	
Initial Hydrostatic Gradient (psi / ft)	0.526	<- Calc.
Final Hydrostatic Pressure (psi)	4465	
Final Hydrostatic Gradient (psi/ft)	0.524	<- Calc.
Final Shut In Pressure	3149	
Reservoir Pressure Gradient	0.370	<- Calc.
Bottomhole Temperature	144	
Final Flowing Pressure	227	
Final Flow Rate	0	
Productivity Index	0.000	<- Calc.
Rate Units	0	

**Test String Configuration**

DRILL PIPE 1 Length (ft) / ID (in)	7091
DRILL PIPE 2 Length (ft) / ID (in)	899
DRILL COLLAR Length (ft) / ID (in)	463
Top Packer Depth [MD] (ft)	8496
Btm Packer Depth [MD] (ft)	8528
Gauge Depth (MD)	8515
Gauge Depth (TVD)	8515
Downhole Valve Type	Multiflow Evaluator
Downhole Valve Depth	8471

**Gauge Information**

Gauge Source File	c:\swst11001142A_rawdata\1001142.sp
Gauge Serial Number	SLSR-703
Reference Date	06/24/05
Reference Real Time	16:28:00
Reference ET Time	0.0000

**Sample Chamber**

Sample Chamber Volume (cc)	2500
Oil Recovery (cc)	250
Water Recovery (cc)	
Mud Recovery (cc)	1400
Measured Gas (ft3)	0.40
Sampler Pressure At Surface (psig)	160
Surface Temperature (F)	73
API Gravity of SC Oil	
Resistivity of SC Water (ohm)	
Resistivity of SC Mud Filtrate (ohm)	0.05

**Corrected Gas Volume**

Gas Gravity (DIM)	0.65
Yield (bbl/mmscf)	0.00
BHT (From D31 Above)	144
Final Flowing Press (From D32 Above)	227
Calculated Z Value (Dim)	0.975
Corrected Gas Volume (scf)	0.409

Note: Z Calc Assumes No Impurities

Pipe Recovery		Pipe				Sample
Description	Feet of Recovery	Pipe ID	API	Res (ohm)	PPM CHL	Temperature (F)
1 Gas Cut Rathole Mud	150	2.500		0.052	100,000	
2 Rathole Mud	150	2.500		0.052	100,000	
3						
4						
5						
6						
7						
8						
9						
10						

### Completion Information Page and Analysis Input Data

Reference Date : 6/24/2005  
Reference Real Time : 16:28:00  
Reference Elapsed Time : 0

Water Saturation (%) : N/G  
Gas Saturation (%) : N/G  
Oil Saturation (%) : N/G  
Gas Specific Gravity (dim) : N/G  
Oil Gravity - API : N/G  
GLR(scf/bbl) : N/G  
Water Cut (%) : N/G

Zone Height [h] (ft) : 0  
Porosity (Frac) : N/G  
Viscosity (cp) : N/G  
Total Compressibility (1/psi) : N/G  
Formation Volume Factor : N/G  
Open Hole Radius (ft) : N/G  
Distance Between Wells (ft) : N/G

### Setup Information

Schlumberger District Name : Schlumberger Testing Services  
Address : Hobbs Testing 505-393-4107

1      Name: Don Culpepper  
Company: Devon Energy  
Address 1: 20 N. Broadway  
Address 2: Suite 1500  
City: Oklahoma City  
State: OK  
Zip: 73102-8260  
Number of Copies: 1

2      Name: Wayne Roberts  
Company: Devon Energy  
Address 1: 20 N. Broadway  
Address 2: Suite 1500  
City: Oklahoma City  
State: OK  
Zip: 73102-8260  
Number of Copies: 1

3      Name: Billy Johnson  
Company: Devon Energy  
Address 1: 20 N. Broadway  
Address 2: Suite 1500  
City: Oklahoma City  
State: OK  
Zip: 73102-8260  
Number of Copies: 1

4      Name:  
Company:  
Address 1:  
Address 2:  
City:  
State:  
Zip:  
Number of Copies:

5      Name:  
Company:  
Address 1:  
Address 2:  
City:  
State:  
Zip:  
Number of Copies:



TESTING SERVICES REPORT

Report Number

11001142

Test Date

25-Jun-05

Report Date

25-Jun-05

Devon Energy

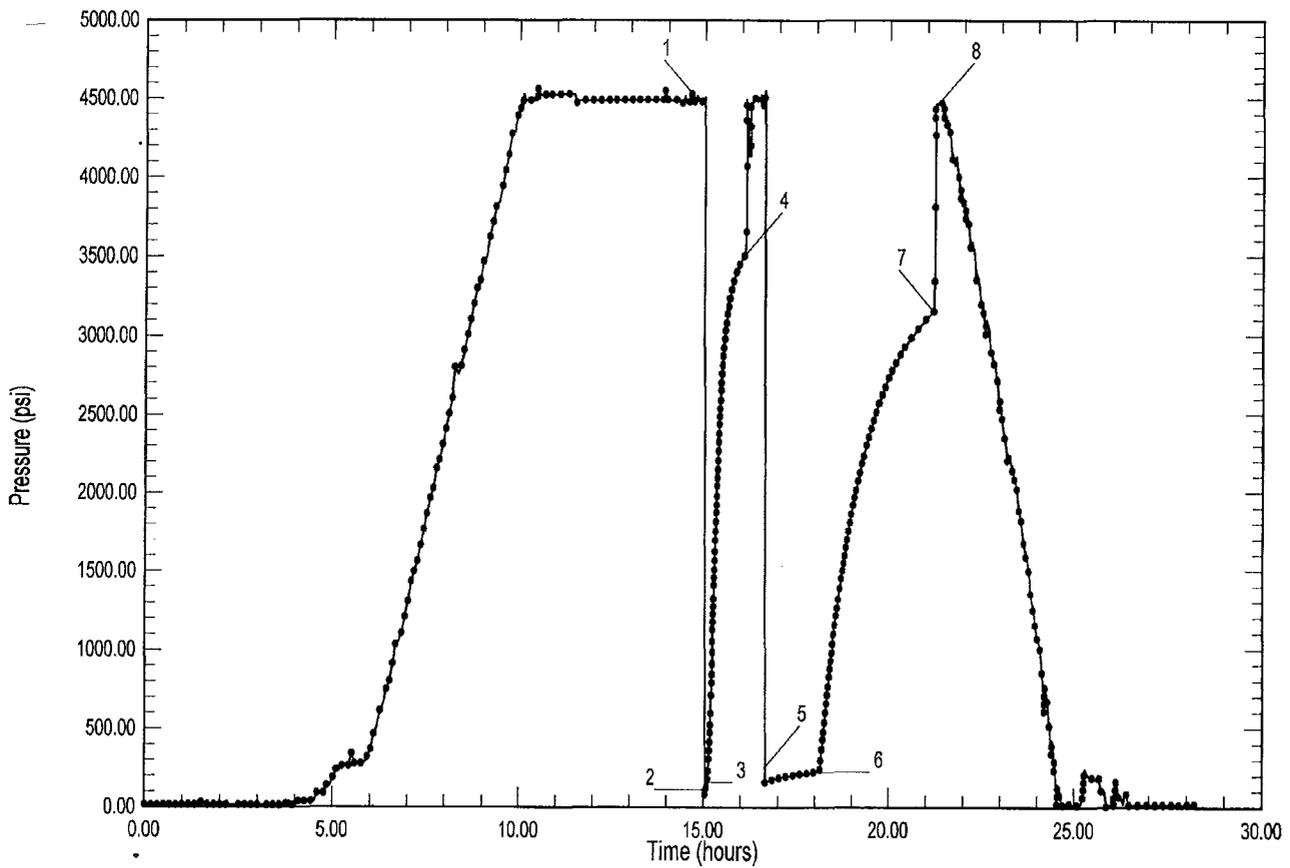
Hook-Straddle DST

Sundance - 3-14A2

Blue Bell

Rig : Nabors 204

Duchesne - Utah



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Hobbs Testing 505-393-4107

**Schlumberger**

**Job Summary  
Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

Service Order Number : 11001142  
Test Date : 25-Jun-05

Company Rep ..... James Elliott	SWS Rep ..... Kirk Beasley
---------------------------------	----------------------------

**Test Information**

Test Number ..... One	Formation ..... Green River
	Interval (MD ft) ..... 8,502 - 8,524

**Well Location**

Well ..... Sundance 3-14A2	Rig ..... Nabors 204
Field ..... Blue Bell	State ..... Duchesne - Utah

**Wellbore Configuration**

Total Depth (MD/TVD ft) ..... 9,600/9,600	Cushion.....
Casing / Liner ID (in) ..... 8.625	Wellbore Radius (ft) ..... 7.875
Top of Liner (md- ft) .....	Mud Weight (lb/gal) ..... 10
	Mud Type ..... Spud Mud
	Mud: Chlorides/Resistivity..... 100,000 PPM/.05 @ 76

**Test String Configuration**

Pipe Length (ft) / ID (in) ..... 7091	Gauge Depth ( MD ) ..... 8515
Pipe Length (ft) / ID (in) ..... 899	Gauge Depth ( TVD ) ..... 8515
Drill Collar Length (ft) / ID (in) ..... 463	Test Valve Type ..... Multiflow Evaluator
Packer Depths (ft MD) ..... 8496 / 8528	Test Valve Depth (ft) (MD) ..... 8471

**Key Information**

Initial Hydrostatic Pressure ..... 4482	Final Shut In Pressure ..... 3149
Init. Hyd Grad & Density ..... 0.526 psi/ft / 10.12 lb/gal	Final Shut In Grad & Density ..... 0.370 psi/ft / 7.11 lb/gal
Final Hydrostatic Pressure ..... 4465	Final Flowing Pressure ..... 227
Final Hyd Grad & Density ..... 0.524 psi/ft / 10.08 lb/gal	Final Flow Rate ( ) .....
Bottom Hole Temp..... 144	Productivity Index ( ) .....

An openhole formation evaluation test was performed on the Green River formation. This well performance test was an off-bottom conventional hook straddle test that isolated 14' of pay between the upper packer @ 8,502' and the lower packer @ 8,524'. Because of the small window available for the packer seats, a correlation log was used in conjunction with the pipe strap to put the packers "on depth". There were no drillpipe leaks, the annulus remained constant, and the interval was completely isolated during both the flows and the shutins. Mud was bypassed while cycling the tool after the initial shutin, but two flows and two shutins were obtained. The test was mechanically correct and conclusive. The test times were well suited for the reservoir's response. The bubble hose was used as the surface choke. The maximum pressure was 4 PSI. There was no indication that gas ever reached the surface during the test. The pipe was pulled to the recovery. The recovery was 300' (1.5 barrels) of gas cut rathole mud. The only oil that was seen was in the sampler, it contained 250 cc's of oil and 1400 cc's of mud. Please direct any questions concerning this test to the Hobbs Testing District @ 505/393-4107. Thank you for choosing Schlumberger.

**Schlumberger Crew**

Kirk Beasley

**Schlumberger**

**Sample Chamber Data  
Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

Sample Chamber Capacity (cc) ..... 2500

**Measured Fluid Recovery**

		<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc) .....	250	73	160.0
Water (cc) .....		73	160.0
Mud (cc) .....	1400		
Total Liquid Recovery (cc)	1650		
Gas (ft3) .....	0.4	73	160.0
API Gravity ....			
Res. (ohms) ...			
Res. (ohms) ...	0.052		

**Corrected Sample Chamber Gas Recovery**

Bottomhole Temperature (F) .....	144	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia) .....	227	Est Z Value @ Pwf and Tres	0.975
Corrected Gas Recovery (scf) .....	0.409		

**Sample Chamber Fluid Ratios**

Sample Chamber Water Cut .....	#VALUE!
GOR Using Corrected Gas Recovery ....	260
GLR Using Corrected Gas Recovery .....	#VALUE!

**Pipe Recovery**

<u>Description</u>	<u>Recovery feet</u>	<u>Pipe ID (in)</u>	<u>Recovery bbl</u>	<u>Oil Density API</u>	<u>RES ohm</u>	<u>CHL ppm</u>
Gas Cut Rathole Mud	150	2.5	0.91		0.052	100k
Rathole Mud	150	2.5	0.91		0.052	100k

**Schlumberger**

**Sequence of Events**  
**Devon Energy**  
**Hook-Straddle DST**

Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

Date (dd-mmm-yy)	Time (hh:mm:ss)	Comments
---------------------	--------------------	----------

25-Jun-05	5:00	Correlating Interval
	7:00	Safety Meeting
	7:27	Set Packers
		Open To 1/8" Bubble Hose Only
	7:30	Start Initial Flow
		Bottom Of The Bucket Blow Immediately
	7:31	2 PSI
	7:33	3 PSI
	7:35	End Flow & Start Shut-in With 3.2 PSI
	8:34	End Shut-in With 2.3 # Of Residual Pressure
		Packers Unseated While Cycling Tool
	9:04	Reset Packers
	9:06	Start Flow With 2# Of Residual Pressure
	9:11	2.4#
	9:16	2.6#
	9:21	2.7#
	9:36	3#
	9:51	3.4#
	10:06	3.6#
	10:21	3.8#
	10:37	End Flow & Start Shut-in With 4 PSI
	13:40	End Shut-in
	13:42	Pulled Loose

**Schlumberger**

*Data Plots*  
**Devon Energy**  
**Hook-Straddle DST**

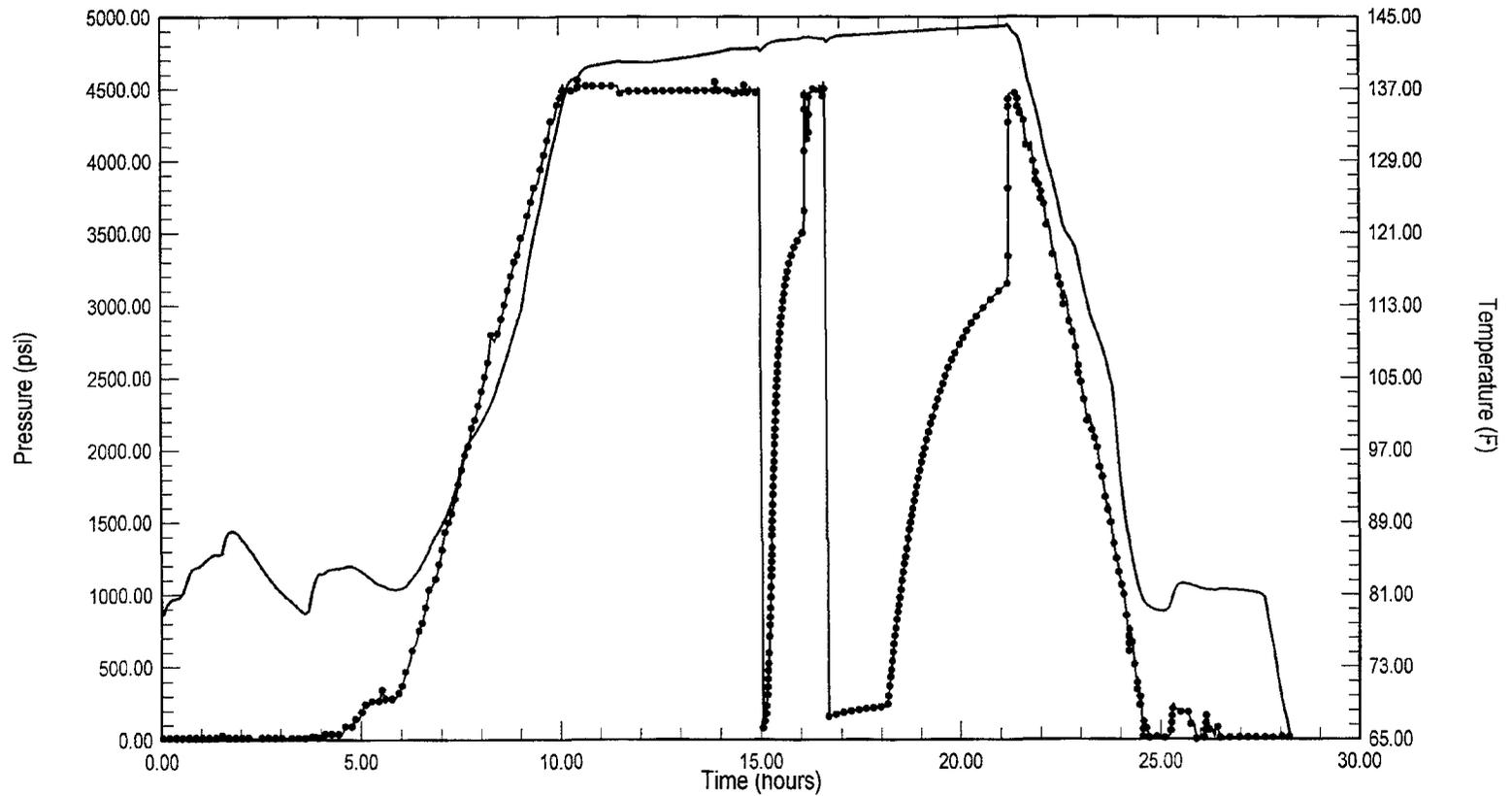
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

### Bottomhole Temperature Log



Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

000753

**Schlumberger**

*Data Plots*  
**Devon Energy**  
**Hook-Straddle DST**

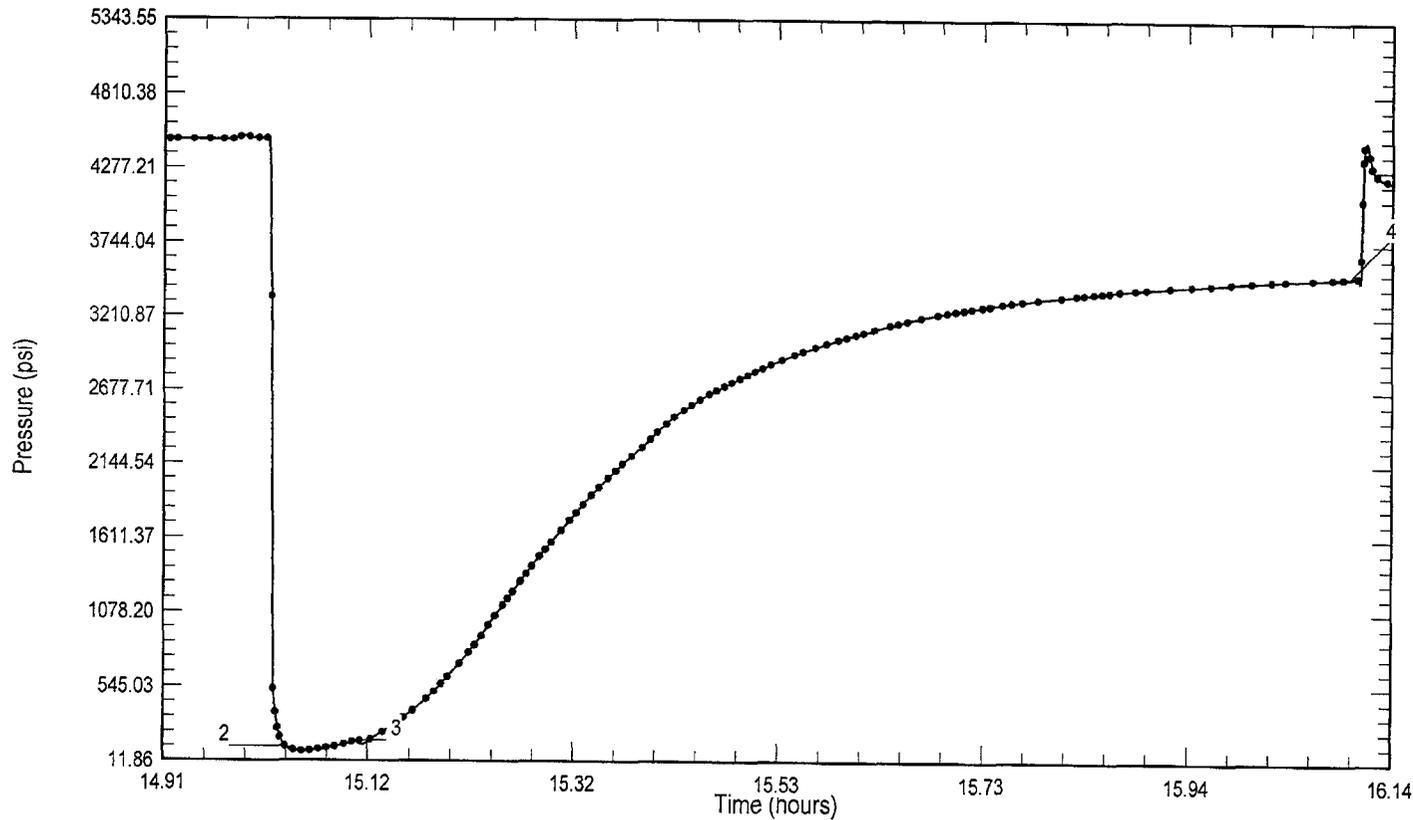
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

Initial Flow  
&  
Initial Shutin



Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

000754

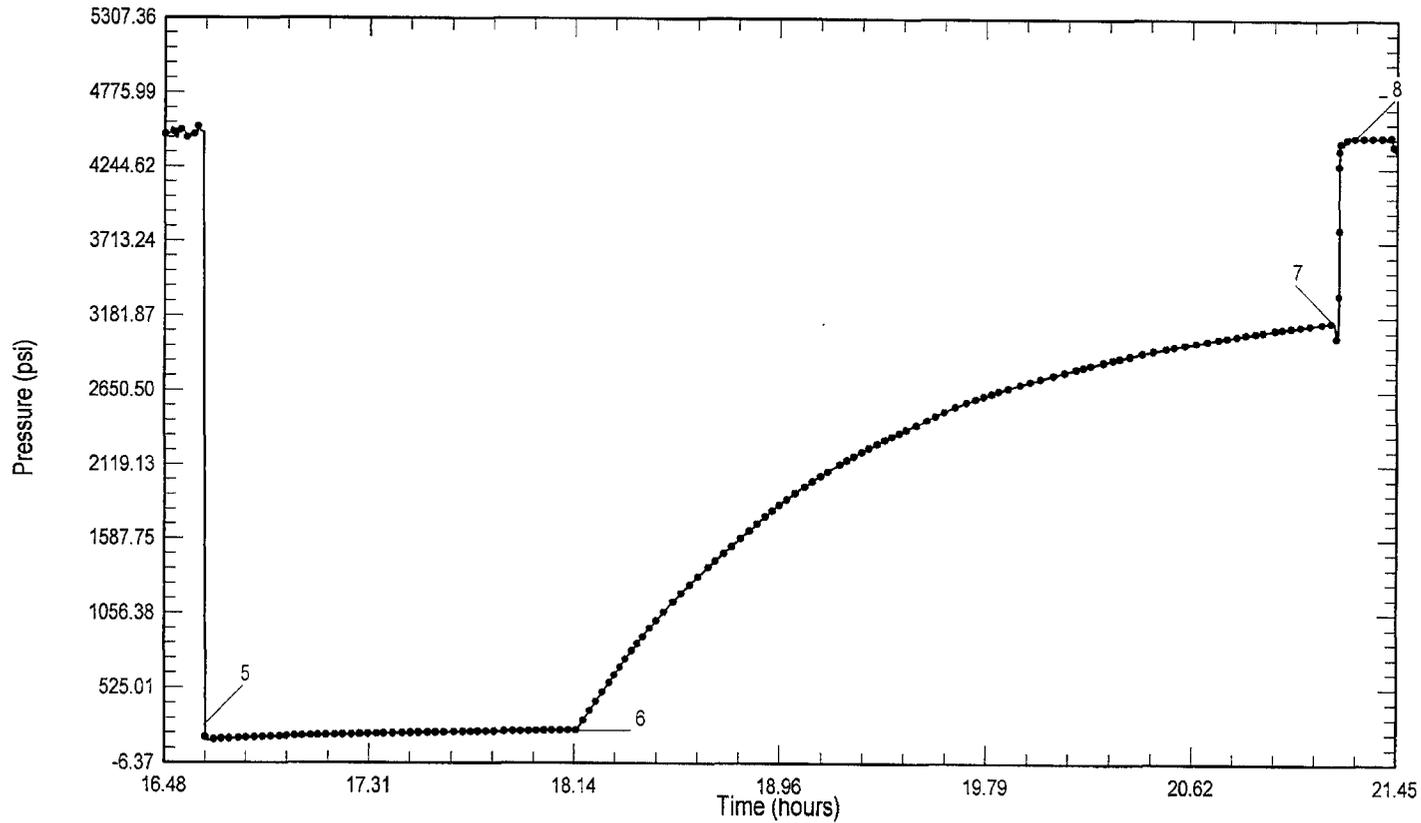
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

Final Flow  
&  
Final Shutin

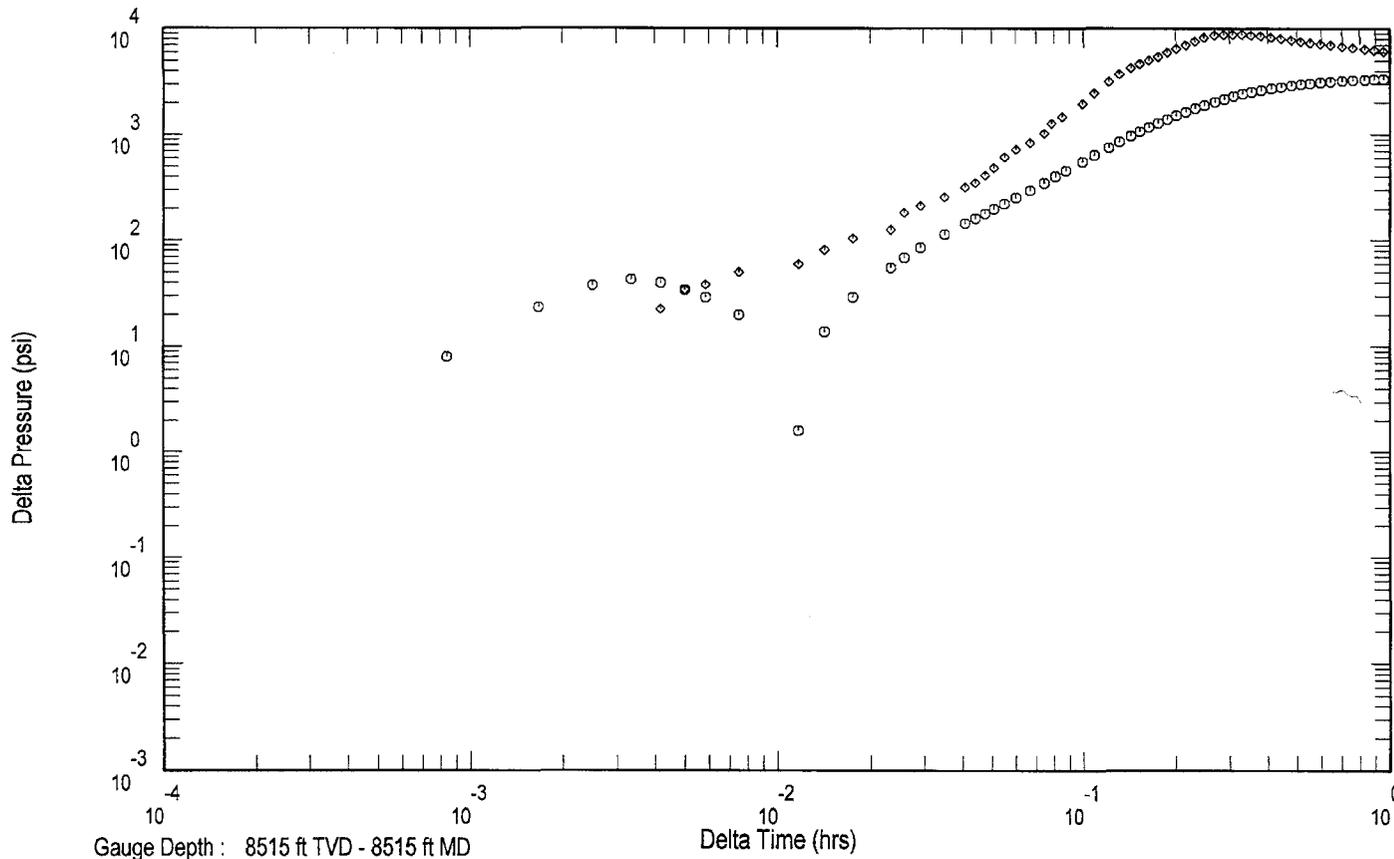


Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

000755

**Log-log Plot - Initial Shutin Period**



000756

**Schlumberger**

**Quicklook Plots  
Devon Energy  
Hook-Straddle DST**

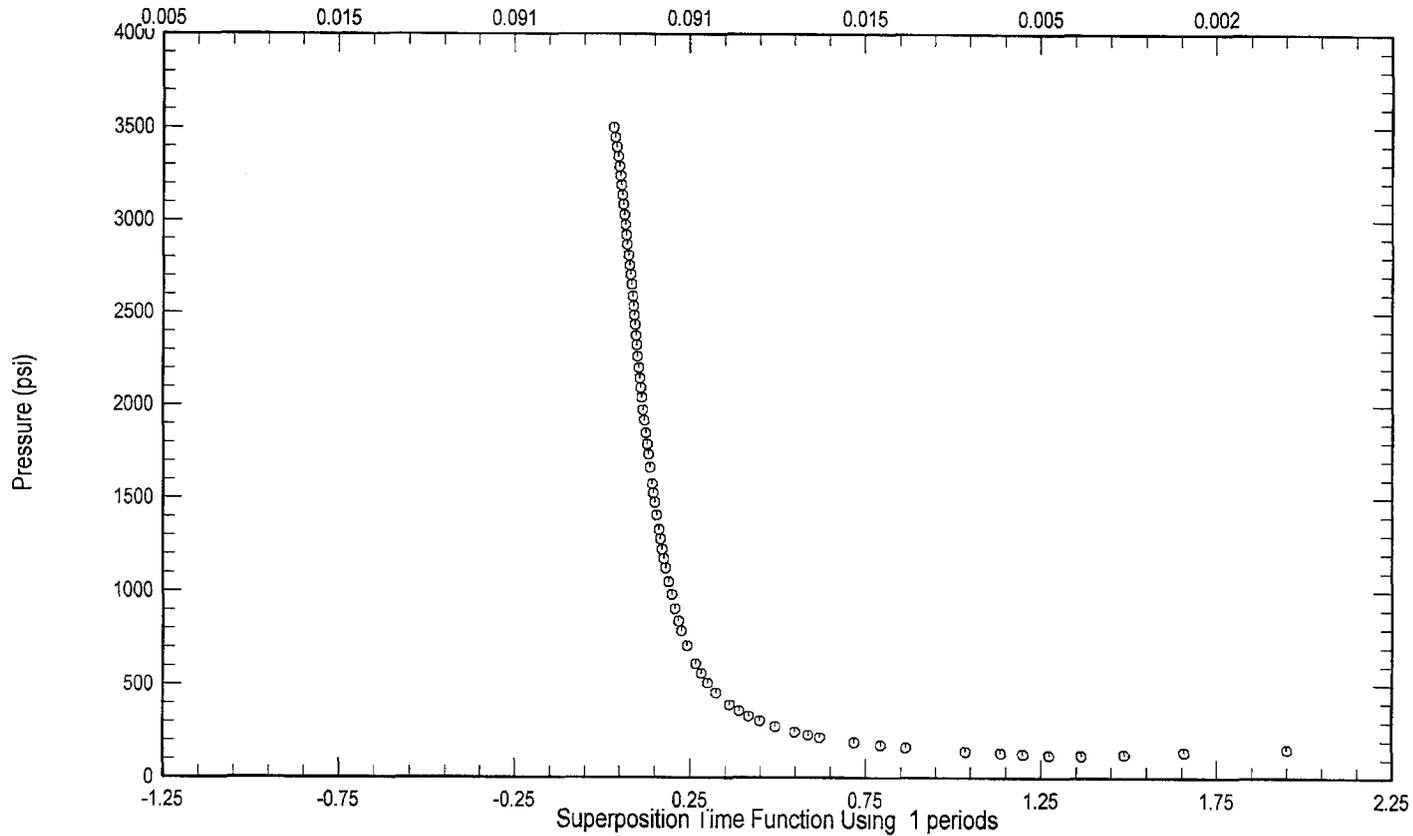
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

### Semi-log Plot - Initial Shutin Period



Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

000757

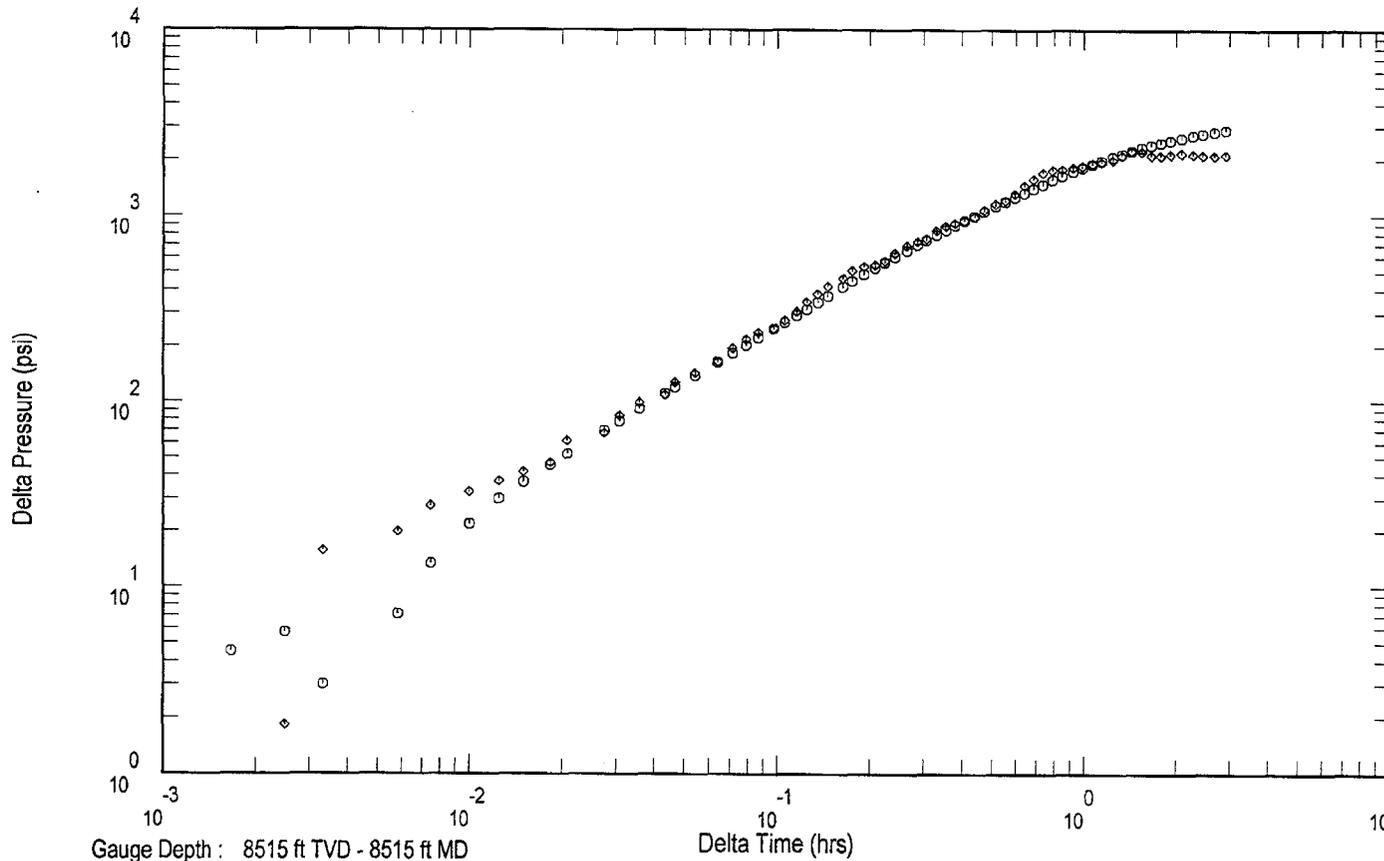
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

## Log-log Plot - Second Shutin Period



Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

000758

**Schlumberger**

**Quicklook Plots  
Devon Energy  
Hook-Straddle DST**

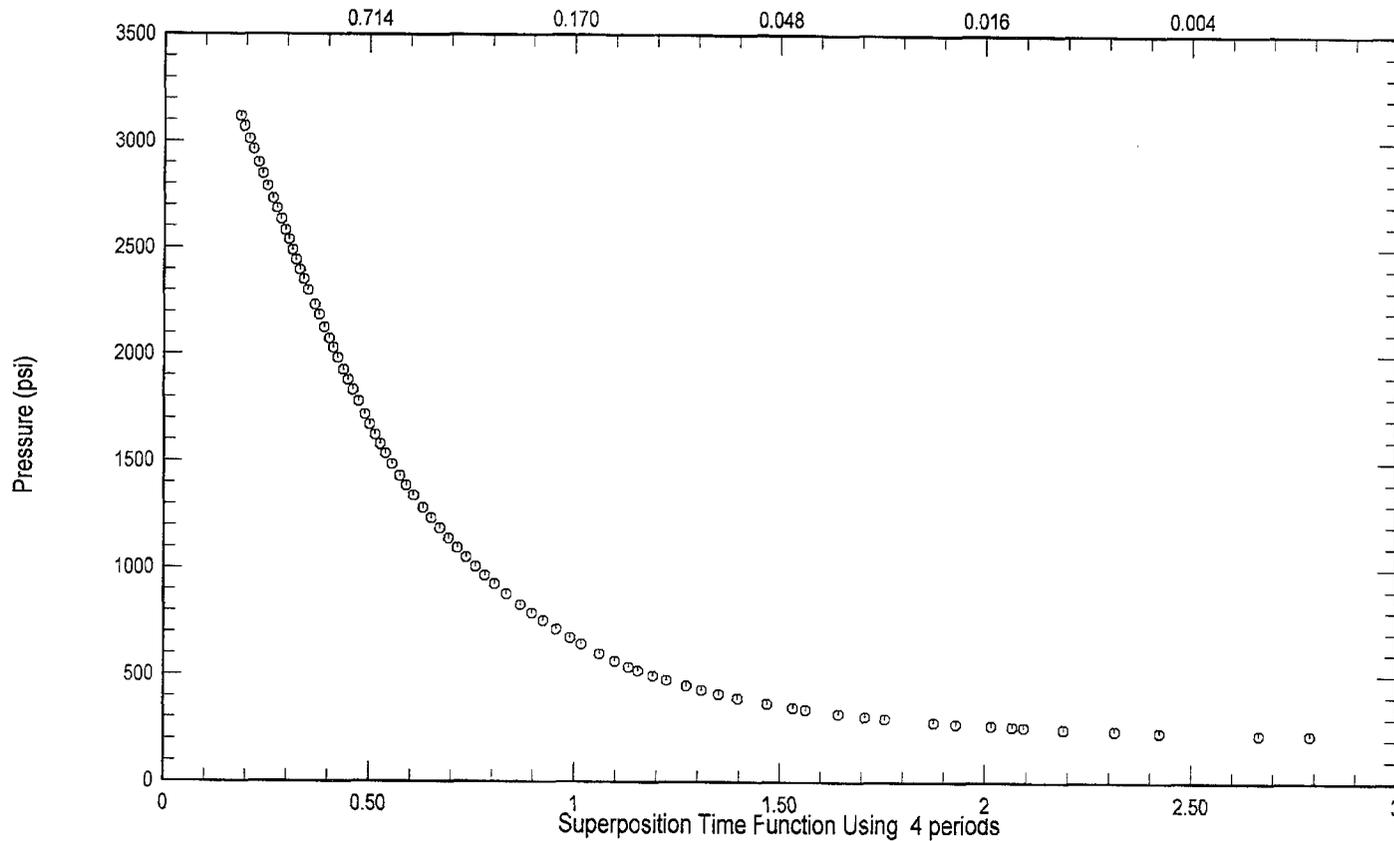
Sundance 3-14A2

11001142

Blue Bell

25-Jun-05

**Semi-log Plot - Second Shutin Period**



Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

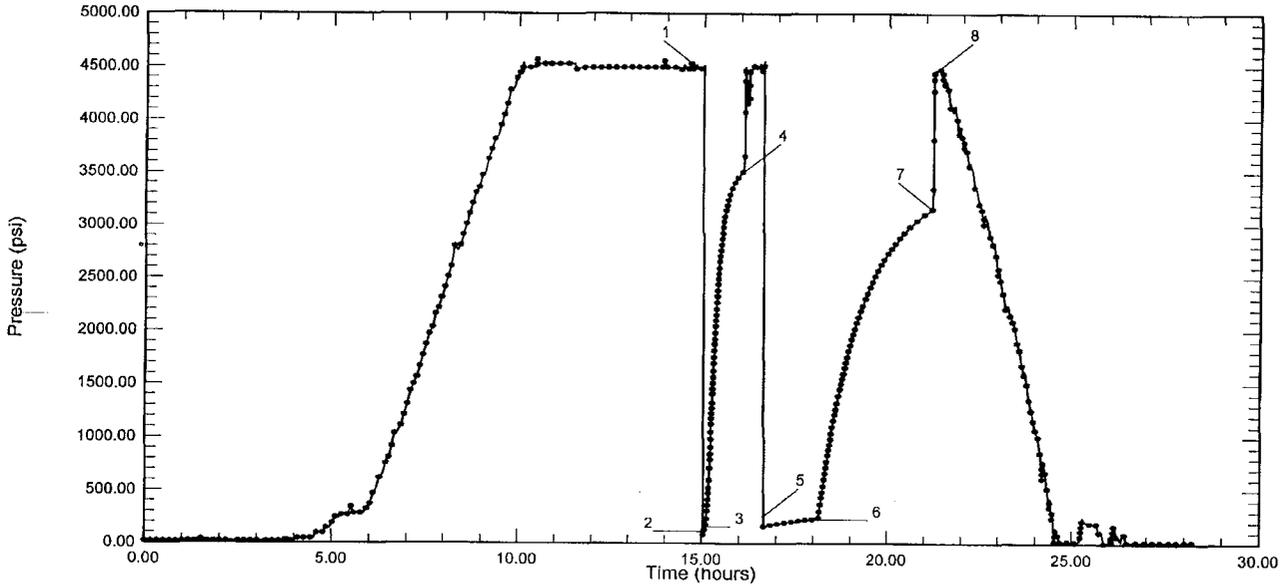
000759

**Schlumberger**

**Label Point Data  
Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05



Label Point / Comments	Date (dd-mmm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
<b>Label Point Summary</b>					
1) Hydrostatic Pressure	25-Jun-05	7:17:21	14.823	4481.79	0
2) Start Flow	25-Jun-05	7:30:03	15.034	113.71	1
3) End Flow & Start Shut-in	25-Jun-05	7:34:30	15.108	160.50	0
) End Shut-in	25-Jun-05	8:33:57	16.099	3511.83	0
5) Start Flow	25-Jun-05	9:06:27	16.641	255.87	1
6) End Flow & Start Shut-in	25-Jun-05	10:36:33	18.143	226.90	0
7) End Shut-in	25-Jun-05	13:39:42	21.195	3149.09	0
8) Hydrostatic Pressure	25-Jun-05	13:44:42	21.278	4465.29	0

<b>Schlumberger</b>	<b>Gauge Data</b>	
	<b>Devon Energy</b>	
	<b>Hook-Straddle DST</b>	
Sundance 3-14A2	Gauge Serial # SLSR-703	11001142
Blue Bell		June 25, 2005

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
---------------------	--------------------	-----------------------	---------------	----------------	----------

## Initial Flow

25-Jun-05	7:30:03	15.03417	113.712	141.17	
25-Jun-05	7:31:33	15.05917	80.956	141.22	
25-Jun-05	7:33:03	15.08417	110.665	141.33	

## Initial Shut-in

25-Jun-05	7:34:30	15.10833	160.499	141.46	
25-Jun-05	7:34:33	15.10917	152.545	141.46	
25-Jun-05	7:53:57	15.43250	2534.242	142.29	
25-Jun-05	8:14:15	15.77083	3328.053	142.45	

## Second Flow

25-Jun-05	9:06:27	16.64083	255.866	141.62	
25-Jun-05	9:24:48	16.94667	178.405	142.84	
25-Jun-05	9:42:57	17.24917	194.170	142.92	
25-Jun-05	10:01:03	17.55083	207.461	143.01	
25-Jun-05	10:19:30	17.85833	218.711	143.08	

## Second Shut-in

25-Jun-05	10:36:33	18.14250	226.899	143.17	
25-Jun-05	10:36:36	18.14333	225.060	143.17	
25-Jun-05	10:53:42	18.42833	924.711	143.26	
25-Jun-05	11:11:27	18.72417	1462.291	143.35	
25-Jun-05	11:28:45	19.01250	1899.542	143.44	
25-Jun-05	11:46:27	19.30750	2229.781	143.53	
25-Jun-05	12:05:30	19.62500	2501.558	143.62	
25-Jun-05	12:23:54	19.93167	2696.725	143.69	
25-Jun-05	12:42:06	20.23500	2845.872	143.76	

**Schlumberger****Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2

Gauge Serial # SLSR-703

11001142

Blue Bell

25-Jun-05

Distribution List

1 Don Culpepper  
 Devon Energy  
 20 N. Broadway  
 Suite 1500  
 Oklahoma City OK 73102-8260

1 Wayne Roberts  
 Devon Energy  
 20 N. Broadway  
 Suite 1500  
 Oklahoma City OK 73102-8260

1 Billy Johnson  
 Devon Energy  
 20 N. Broadway  
 Suite 1500  
 Oklahoma City OK 73102-8260

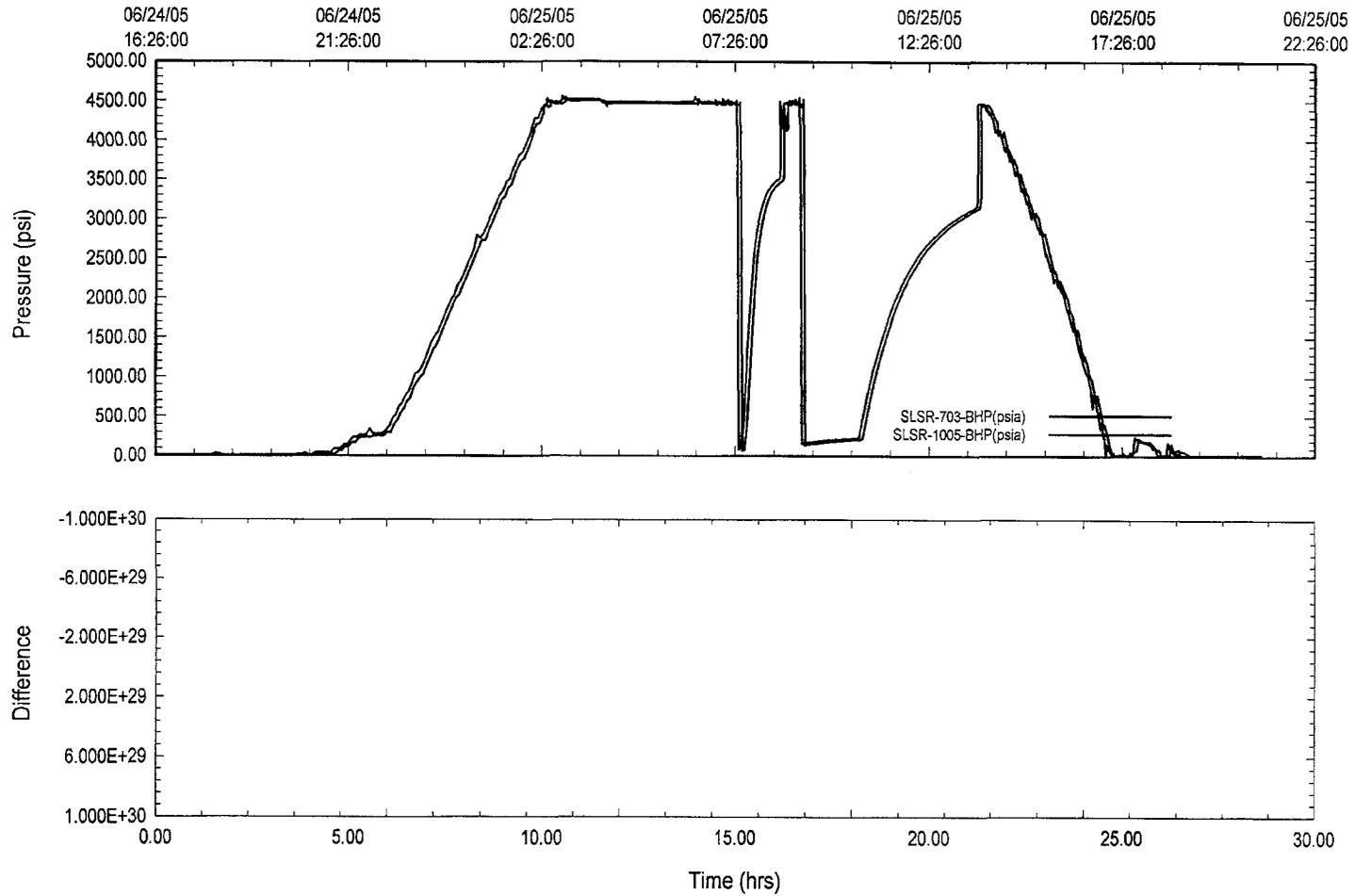
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

**Schlumberger**

*Gauge Comparison*  
**Devon Energy**  
**Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05



000763

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Sundance 3-14A2</b>
2. NAME OF OPERATOR: <b>Devon Energy Production Company, L. P.</b> Contact: <b>Billy Johnson</b>		9. API NUMBER: <b>4301332678</b>
3. ADDRESS OF OPERATOR: <b>20 North Broadway</b> CITY <b>Oklahoma City</b> STATE <b>OK</b> ZIP <b>73102</b>		10. FIELD AND POOL, OR WILDCAT: <b>Bluebell</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>970' FNL &amp; 980' FWL</b>		COUNTY: <b>Duchesne</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 14 1S 2W U</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/27/2005</u>	<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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.

The subject well was deemed nonproductive via DST by Devon and now proposes to plug and abandoned the well. This well was drilled to TD at 9600'. 3500' - 9600' is openhole.

The proposed plug depths are to be spotted as follows:  
 #1) 6648'-6248' (400')  
 #2) 3600'-3400' (200')  
 #3) 100'- 0 (100')

Additional casing and cement information follows:  
 June 6, 2005 - RUN SURFACE CASING 8.625 J-55 LTC 79-JTS to 3460'  
 STG 1: 1,247SX 50/50-POZ,  
 June 6, 2005 - CEMENTED SURFACE CASING @ 3500' to Surface  
 STG 2: 370SX Class "G" 60-BBL CEMENT TO SURFACE.

A plug to abandon recommendation with procedure, and Hook-Straddle DST is attached.

COPY SENT TO OPERATOR  
Date: 6-30-05  
Initials: CHD

NAME (PLEASE PRINT) <u>Billy Johnson</u>	TITLE <u>Operations Associate</u>
SIGNATURE <u><i>Billy Johnson</i></u>	DATE <u>6/27/2005</u>

(This space for State use only) *Emailed copy Approved w/conditions 6/27/05*

**RECEIVED**  
**JUN 29 2005**  
DIV. OF OIL, GAS & MINING



**Devon Energy Production Company Lp**  
**P.o. Box 290**  
**Neola , Utah 84053**

Sundance 3-14A2  
Altamont Field  
Duchesne County, Utah  
United States of America

## **Plug To Abandon Recommendation**

Prepared for:  
June 24, 2005  
Version: 1

Submitted by:  
Rob Kruger  
Halliburton Energy Services  
Vernal Ut Us  
1085 E Main  
Vernal, Utah 84078  
+435.789.2550

**HALLIBURTON**

*Halliburton appreciates the opportunity to present this proposal and looks forward to being of service to you.*

## **Foreword**

---

Enclosed is our recommended procedure for cementing the casing strings in the referenced well. The information in this proposal includes well data, calculations, materials requirements, and cost estimates. This proposal is based on information from our field personnel and previous cementing services in the area.

Halliburton Energy Services recognizes the importance of meeting society's needs for health, safety, and protection of the environment. It is our intention to proactively work with employees, customers, the public, governments, and others to use natural resources in an environmentally sound manner while protecting the health, safety, and environmental processes while supplying high quality products and services to our customers.

We appreciate the opportunity to present this proposal for your consideration and we look forward to being of service to you. Our Services for your well will be coordinated through the Service Center listed below. If you require any additional information or additional designs, please feel free to contact myself or our field representative listed below.

Prepared by: \_\_\_\_\_  
John Jorgensen  
Procedure Analyst

Submitted by: \_\_\_\_\_  
Rob Kruger  
Account Leader

SERVICE CENTER: Vernal Utah  
SERVICE COORDINATOR: Willis Lefevre  
OPER. ENGINEER: Rick Curtice  
PHONE NUMBER:(800)874-2550

**Job Information****Plug To Abandon**

---

Sundance	3-14A2
8 5/8" Surface	0 - 3500 ft (MD) 0 - 3500 ft (TVD)
Outer Diameter	8.625 in
Inner Diameter	7.921 in
Linear Weight	32. lbm/ft
7 7/8" Open Hole	3500 - 9600 ft (MD) 3500 - 9600 ft (TVD)
Inner Diameter	7.875 in
4 1/2" Drill Pipe	0 - 6648 ft (MD) 0 - 6648 ft (TVD)
Outer Diameter	4.500 in
Inner Diameter	3.826 in
Linear Weight	16.60 lbm/ft
Tubing Grade	XH

**Calculations****Plug To Abandon**

---

Spacer:

Total Spacer = 0.00 ft<sup>3</sup>  
= 0.00 bbl

Cement : (0.00 ft fill)

Total Plug Cement = 0.00 ft<sup>3</sup>  
= 0.00 bbl  
Sacks of Cement = 185 sks

Cement : (0.00 ft fill)

Total Plug Cement = 0.00 ft<sup>3</sup>  
= 0.00 bbl  
Sacks of Cement = 110 sks

Cement : (0.00 ft fill)

Plug Cement = 0.00 ft<sup>3</sup>  
= 0.00 bbl

Total Pipe Capacity: (6648.00 ft MD) = 0.00 ft<sup>3</sup>

## Job Recommendation

## Plug To Abandon

### Fluid Instructions

Fluid 1: Water Spacer  
Water Ahead

Fluid Density: 8.33 lbm/gal  
Total Volume: 20 bbl  
Volume Ahead: 20 bbl

### Fluid 2: Plug # 1 Cement

Premium - AG  
94 lbm/sk Premium - AG (Cement-api)

Fluid Weight 15.80 lbm/gal  
Slurry Yield: 1.15 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.99 Gal/sk  
Top of Fluid: 6248 ft  
Calculated Fill: 400 ft  
Volume: 38 bbl  
Calculated Sacks: 185 sks  
Proposed Sacks: 185 sks

Fluid 3: Water Based Spacer  
Displacement Plug # 1

Fluid Density: 8.33 lbm/gal  
Total Volume: 88 bbl+/-  
Volume Ahead: 88 bbl+/-

### Fluid 4: Plug # 2 Cement

Premium - AG  
94 lbm/sk Premium - AG (Cement-api)

Fluid Weight 15.80 lbm/gal  
Slurry Yield: 1.15 ft<sup>3</sup>/sk  
Total Mixing Fluid: 4.99 Gal/sk  
Top of Fluid: 3400 ft  
Calculated Fill: 200 ft  
Volume: 22.5 bbl  
Calculated Sacks: 110 sks  
Proposed Sacks: 110 sks

Fluid 5: Water Based Spacer  
Displacement

Fluid Density: 8.33 lbm/gal  
Total Volume: 48 bbl+/-  
Volume Behind: 48 bbl+/-

### Fluid 6: Plug # 3 Cement

Premium - AG  
94 lbm/sk Premium - AG (Cement-api)  
2 % **Calcium Chloride** (Accelerator)  
**( On the side if NEEDED)**

Fluid Weight 15.80 lbm/gal  
Slurry Yield: 1.17 ft<sup>3</sup>/sk  
Total Mixing Fluid: 5.02 Gal/sk  
Top of Fluid: 0 ft  
Calculated Fill: 100 ft  
Volume: 6.4 bbl  
Calculated Sacks: 31 sks  
Proposed Sacks: 31 sks

**Detailed Pumping Schedule**

Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Estimated Avg Rate bbl/min	Downhole Volume
1	Spacer	Water Ahead	8.3	5.0	20 bbl
2	Cement	Plug # 1	15.8	5.0	185 sks
3	Spacer	Displacement Plug # 1	8.3	5.0	88 bbl+/-
4	Cement	Plug # 2	15.8	5.0	110 sks
5	Spacer	Displacement Plug # 2	8.3	5.0	48 bbl+/-
6	Cement	Plug # 3	15.8	3.0	31 sks

## Cost Estimate

## Plug To Abandon

### SAP Quote #0

Mtrl Nbr	Description	Qty	U/M	Unit Price	Gross Amt	Discount	Net Amt
7528	CMT PLUG TO ABANDON BOM	1	JOB	0.00	0.00	40.0%	0.00
1	ZI-MILEAGE FROM NEAREST HES BASE,/UNIT Number of Units	80 1	MI	5.28	422.40	40.0%	253.44
2	MILEAGE FOR CEMENTING CREW,ZI Number of Units	80 1	MI	3.11	248.80	40.0%	149.28
16094	PLUG BACK/SPOT CEMENT OR MUD,ZI DEPTH FEET/METERS (FT/M)	1 6648 FT	EA	5,692.00	5,692.00	40.0%	3,415.20
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI NUMBER OF DAYS	1 1	JOB	962.00	962.00	40.0%	577.20
<b>EQUIPMENT &amp; SERVICES</b>							
<b>SubTotal</b>				<b>USD</b>	<b>7,325.20</b>	<b>40.0%</b>	<b>4,395.12</b>
100003685	PREMIUM AG BULK CEMENT	326	SK	21.04	6,859.04	40.0%	4,115.42
100005053	CALCIUM CHLORIDE HI TEST PLT	1	SK	146.50	146.50	40.0%	87.90
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN NUMBER OF TONS	40 15.35	MI	1.81	1,111.34	40.0%	666.80
3965	HANDLE&DUMP SVC CHRg, CMT&ADDITIVES,ZI NUMBER OF EACH	327 1	CF	2.96	967.92	40.0%	580.75
<b>MATERIALS</b>							
<b>SubTotal</b>				<b>USD</b>	<b>9,084.80</b>	<b>40.0%</b>	<b>5,450.87</b>
7	ENVIRONMENTAL SURCHARGE,/JOB,ZI	1	JOB	79.00	79.00	0.0%	79.00
8	IRON SAFETY INSPECTION SURCHARGE /JOB ZI	1	JOB	48.00	48.00	0.0%	48.00
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 TON Number of Units	80 1	MI	0.24	19.20	0.0%	19.20
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON Number of Units	80 1	MI	0.08	6.40	0.0%	6.40
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES NUMBER OF TONS	40 15.35		0.08	49.12	0.0%	49.12
372867	Cmt PSL - DOT Vehicle Charge, CMT	2	EA	130.00	260.00	0.0%	260.00
<b>SURCHARGES</b>							
<b>SubTotal</b>				<b>USD</b>	<b>461.72</b>	<b>0.0%</b>	<b>461.72</b>
<b>Total</b>				<b>USD</b>			<b>16,871.72</b>
<b>Discount</b>				<b>USD</b>			<b>6,564.01</b>
<b>Discounted Total</b>				<b>USD</b>			<b>10,307.71</b>

Primary Plant: Vernal, UT, USA  
 Secondary Plant: Vernal, UT, USA

Price Book Ref: 01 Western US  
 Price Date: 2/1/2004

## Conditions

---

The cost in this analysis is good for the materials and/or services outlined within. These prices are based on Halliburton being awarded the work on a first call basis. Prices will be reviewed for adjustments if awarded on 2<sup>nd</sup> or 3<sup>rd</sup> call basis and/or after 30 days of this written analysis. This is in an effort to schedule our work and maintain a high quality of performance for our customers.

The unit prices stated in the proposal are based on our current published prices. The projected equipment, personnel, and material needs are only estimates based on information about the work presently available to us. At the time the work is actually performed, conditions then existing may require an increase or decrease in the equipment, personnel, and/or material needs. Charges will be based upon unit prices in effect at the time the work is performed and the amount of equipment, personnel, and/or material actually utilized in the work. Taxes, if any, are not included. Applicable taxes, if any, will be added to the actual invoice.

It is understood and agreed between the parties that with the exception of the subject discounts, all services performed and equipment and materials sold are provided subject to Halliburton's General Terms and Conditions contained in our current price list, (which include LIMITATION OF LIABILITY and WARRANTY provisions), and pursuant to the applicable Halliburton Work Order Contract (whether or not executed by you), unless a Master Service and/or Sales Contract applicable to the services, equipment, or materials supplied exists between your company and Halliburton, in which case the negotiated Master Contract shall govern the relationship between the parties. A copy of the latest version of our General Terms and Conditions is available from your Halliburton representative or at:

[http://www.halliburton.com/hes/general\\_terms\\_conditions.pdf](http://www.halliburton.com/hes/general_terms_conditions.pdf) for your convenient review, and we would appreciate receiving any questions you may have about them. Should your company be interested in negotiating a Master Contract with Halliburton, our Law Department would be pleased to work with you to finalize a mutually agreeable contract. In this connection, it is also understood and agreed that Customer will continue to execute Halliburton usual field work orders and/or tickets customarily required by Halliburton in connection with the furnishing of said services, equipment, and materials.

Any terms and conditions contained in purchase orders or other documents issued by the customer shall be of no effect except to confirm the type and quantity of services, equipment, and materials to be supplied to the customer.

If customer does not have an approved open account with Halliburton or a mutually executed written contract with Halliburton, which dictates payment terms different than those set forth in this clause, all sums due are payable in cash at the time of performance of services or delivery of equipment, products, or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice.

Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

**Sundance 3-14A2 6/27/05**

- 1. TIH with open ended drill pipe to @ 6648'. Spot 400' balanced cement plug # 1 in open hole. (See Halliburton cement design as attached.) Chain out of the hole to 5800.' Circulate for 4 – 6 Hrs while WOC. TIH and tag cement plug once surface samples have set.**
- 2. POH to 3600'. Spot 200' balanced cement plug # 2 in open hole/casing. (See Halliburton cement design as attached.) Chain out of the hole to 3200.' Circulate for 4 – 6 Hrs while WOC. TIH and tag cement plug once surface samples have set.**
- 3. POH to 100'. Spot 100' balanced cement plug # 3 in casing. Note: 8-5/8" surface casing is set at 3500'. (See Halliburton cement design as attached.) WOC.**
- 4. POH and fill casing void such that cement is at the base of the cellar.**
- 5. Cut off casing at the base of the cellar and salvage well head. Weld on ¼" thick minimum metal plate with weep hole. Inscribe well location and identity on plate. Rig down and MORT.**

**Cover Page and General Info**

**General**

Service Order Number	11001142
Company	Devon Energy
Test Description	Hook-Straddle DST
Report Date	June 25, 2005
Test Date	June 25, 2005
Company Representative	Pete Thomas
SWS Rep	Kirk Beasley

**Well Description**

Well Name	Sundance
Well Number	3-14A2
Field	Blue Bell
County/Parish	Duchesne
Rig Name	Nabors 204
State	Utah

**Wellbore Configuration**

Total Depth [MD/TVD] (ft)	9,600/9,600
Casing Liner ID (in)	8.625
Casing Liner Top (ft)	
Wellbore Radius (ft)	7.875
Mud Weight (lb/gal)	10
Mud Type	Spud Mud

**Test Identification**

Test Number	One
Formation	Green River
Interval (MD)	8,502 - 8,524

**Test String Configuration**

DRILL PIPE 1 Length (ft) / ID (in)	7091
DRILL PIPE 2 Length (ft) / ID (in)	899
DRILL COLLAR Length (ft) / ID (in)	463
Top Packer Depth [MD] (ft)	8496
Bttm Packer Depth [MD] (ft)	8528
Gauge Depth (MD)	8515
Gauge Depth (TVD)	8515
Downhole Valve Type	Multiflow Evaluator
Downhole Valve Depth	8471

**Key Information**

Initial Hydrostatic Pressure	4482	
Initial Hydrostatic Gradient (psi / ft)	0.526	<- Calc.
Final Hydrostatic Pressure (psi)	4465	
Final Hydrostatic Gradient (psi/ft)	0.524	<- Calc.
Final Shut In Pressure	3149	
Reservoir Pressure Gradient	0.370	<- Calc.
Bottomhole Temperature	144	
Final Flowing Pressure	227	
Final Flow Rate	0	
Productivity Index	0.000	<- Calc.
Rate Units	0	

**Gauge Information**

Gauge Source File	c:\sws\11001142\A_rawdat\11001142.sp
Gauge Serial Number	SLSR-703
Reference Date	06/24/05
Reference Real Time	16:28:00
Reference ET Time	0.0000

**Sample Chamber**

Sample Chamber Volume (cc)	2500
Oil Recovery (cc)	250
Water Recovery (cc)	
Mud Recovery (cc)	1400
Measured Gas (ft3)	0.40
Sampler Pressure At Surface (psig)	160
Surface Temperature (F)	73
API Gravity of SC Oil	
Resistivity of SC Water (ohm)	
Resistivity of SC Mud Filtrate (ohm)	0.05

**Corrected Gas Volume**

Gas Gravity (DIM)	0.65
Yield (bbl/mm scf)	0.00
BHT (From D31 Above)	144
Final Flowing Press (From D32 Above)	227
Calculated Z Value (Dim)	0.975
Corrected Gas Volume (scf)	0.409

Note: Z Calc Assumes No Impurities

Pipe Recovery		Pipe				Sample	
Description	Feet of Recovery	Pipe ID	API	Res (ohm)	PPM CHL	Temperature (F)	
1 Gas Cut Rathole Mud	150	2.500		0.052	100,000		
2 Rathole Mud	150	2.500		0.052	100,000		
3							
4							
5							
6							
7							
8							
9							
10							

### Completion Information Page and Analysis Input Data

Reference Date: 6/24/2005  
Reference Real Time: 16:28:00  
Reference Elapsed Time: 0

Water Saturation (%): N/G  
Gas Saturation (%): N/G  
Oil Saturation (%): N/G  
Gas Specific Gravity (dim): N/G  
Oil Gravity - API: N/G  
GLR(sc/f/bb): N/G  
Water Cut (%): N/G

Zone Height [h] (ft): 0  
Porosity (Frac): N/G  
Viscosity (cp): N/G  
Total Compressibility (1/psi): N/G  
Formation Volume Factor: N/G  
Open Hole Radius (ft): N/G  
Distance Between Wells (ft): N/G

### Setup Information

Schlumberger District Name: Schlumberger Testing Services  
Address: Hobbs Testing 505-393-4107

1            Name Don Culpepper  
              Company Devon Energy  
              Address 1 20 N. Broadway  
              Address 2 Suite 1500  
              City Oklahoma City  
              State OK  
              Zip 73102-8260  
Number of Copies 1

2            Name Wayne Roberts  
              Company Devon Energy  
              Address 1 20 N. Broadway  
              Address 2 Suite 1500  
              City Oklahoma City  
              State OK  
              Zip 73102-8260  
Number of Copies 1

3            Name Billy Johnson  
              Company Devon Energy  
              Address 1 20 N. Broadway  
              Address 2 Suite 1500  
              City Oklahoma City  
              State OK  
              Zip 73102-8260  
Number of Copies 1

4            Name  
              Company  
              Address 1  
              Address 2  
              City  
              State  
              Zip  
Number of Copies

5            Name  
              Company  
              Address 1  
              Address 2  
              City  
              State  
              Zip  
Number of Copies

### Devon Energy

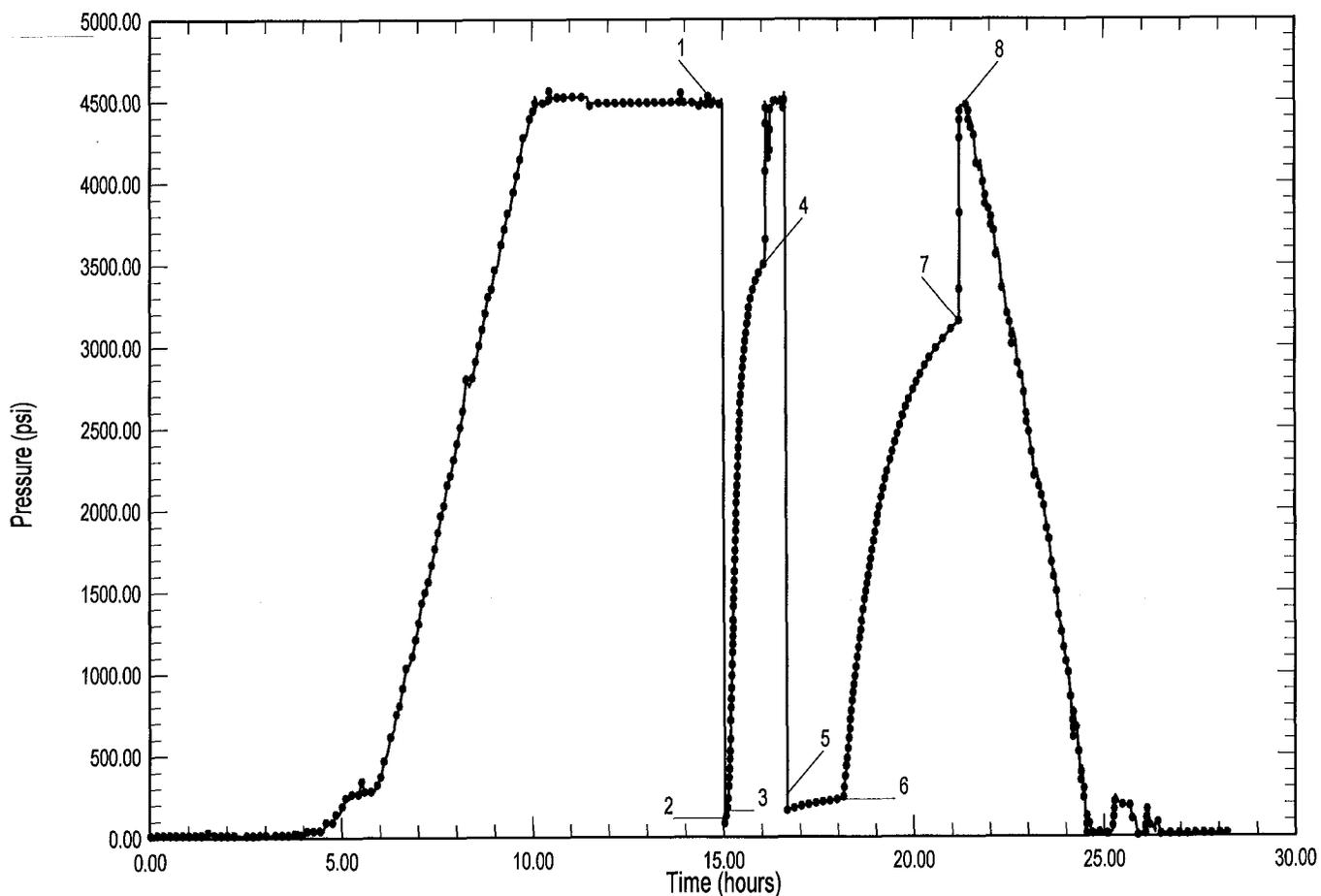
Hook-Straddle DST

Sundance - 3-14A2

Blue Bell

Rig : Nabors 204

Duchesne - Utah



### Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Hobbs Testing 505-393-4107



**Job Summary  
Devon Energy  
Hook-Straddle DST**

**Sundance 3-14A2  
Blue Bell**

Service Order Number : **11001142**  
Test Date : **25-Jun-05**

<b>Company Rep</b> ..... James Elliott	<b>SWS Rep</b> ..... Kirk Beasley
--	-----------------------------------

<b>Test Information</b>	
Test Number ..... One	Formation ..... Green River
	Interval (MD ft) ..... 8,502 - 8,524

<b>Well Location</b>	
Well..... Sundance 3-14A2	Rig..... Nabors 204
Field..... Blue Bell	State ..... Duchesne - Utah

<b>Wellbore Configuration</b>	
Total Depth (MD/TVD ft) ..... 9,600/9,600	Cushion.....
Casing / Liner ID (in) ..... 8.625	Wellbore Radius (ft) ..... 7.875
Top of Liner (md- ft) .....	Mud Weight (lb/gal) ..... 10
	Mud Type ..... Spud Mud
	Mud: Chlorides/Resistivity..... 100,000 PPM/.05 @ 76

<b>Test String Configuration</b>	
Pipe Length (ft) / ID (in) ..... 7091	Gauge Depth ( MD ) ..... 8515
Pipe Length (ft) / ID (in) ..... 899	Gauge Depth ( TVD ) ..... 8515
Drill Collar Length (ft) / ID (in) ..... 463	Test Valve Type ..... Multiflow Evaluator
Packer Depths (ft MD) ..... 8496 / 8528	Test Valve Depth (ft) (MD) ..... 8471

<b>Key Information</b>	
Initial Hydrostatic Pressure ..... 4482	Final Shut In Pressure ..... 3149
Init. Hyd Grad & Density ..... 0.526 psi/ft / 10.12 lb/gal	Final Shut In Grad & Density ..... 0.370 psi/ft / 7.11 lb/gal
Final Hydrostatic Pressure ..... 4465	Final Flowing Pressure ..... 227
Final Hyd Grad & Density ..... 0.524 psi/ft / 10.08 lb/gal	Final Flow Rate ( ) .....
Bottom Hole Temp..... 144	Productivity Index ( ) .....

**An openhole formation evaluation test was performed on the Green River formation. This well performance test was an off-bottom conventional hook straddle test that isolated 14' of pay between the upper packer @ 8,502' and the lower packer @ 8,524'. Because of the small window available for the packer seats, a correlation log was used in conjunction with the pipe strap to put the packers "on depth". There were no drillpipe leaks, the annulus remained constant, and the interval was completely isolated during both the flows and the shutins. Mud was bypassed while cycling the tool after the initial shutin, but two flows and two shutins were obtained. The test was mechanically correct and conclusive. The test times were well suited for the reservoir's response. The bubble hose was used as the surface choke. The maximum pressure was 4 PSI. There was no indication that gas ever reached the surface during the test. The pipe was pulled to the recovery. The recovery was 300' (1.5 barrels) of gas cut rathole mud. The only oil that was seen was in the sampler, it contained 250 cc's of oil and 1400 cc's of mud. Please direct any questions concerning this test to the Hobbs Testing District @ 505/393-4107. Thank you for choosing Schlumberger.**

<b>Schlumberger Crew</b> Kirk Beasley
--

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05

Sample Chamber Capacity (cc) ..... 2500

**Measured Fluid Recovery**

		<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc) .....	250	73	160.0
Water (cc) .....		73	160.0
Mud (cc) .....	1400		
Total Liquid Recovery (cc)	1650		
Gas (ft3) .....	0.4	73	160.0

**Corrected Sample Chamber Gas Recovery**

Bottomhole Temperature (F) .....	144	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia) .....	227	Est Z Value @ Pwf and Tres	0.975
Corrected Gas Recovery (scf) .....	0.409		

**Sample Chamber Fluid Ratios**

Sample Chamber Water Cut .....	#VALUE!
GOR Using Corrected Gas Recovery ....	260
GLR Using Corrected Gas Recovery .....	#VALUE!

**Pipe Recovery**

<u>Description</u>	<u>Recovery feet</u>	<u>Pipe ID (in)</u>	<u>Recovery bbl</u>	<u>Oil Density API</u>	<u>RES ohm</u>	<u>CHL ppm</u>
Gas Cut Rathole Mud	150	2.5	0.91		0.052	100k
Rathole Mud	150	2.5	0.91		0.052	100k

Sundance 3-14A2

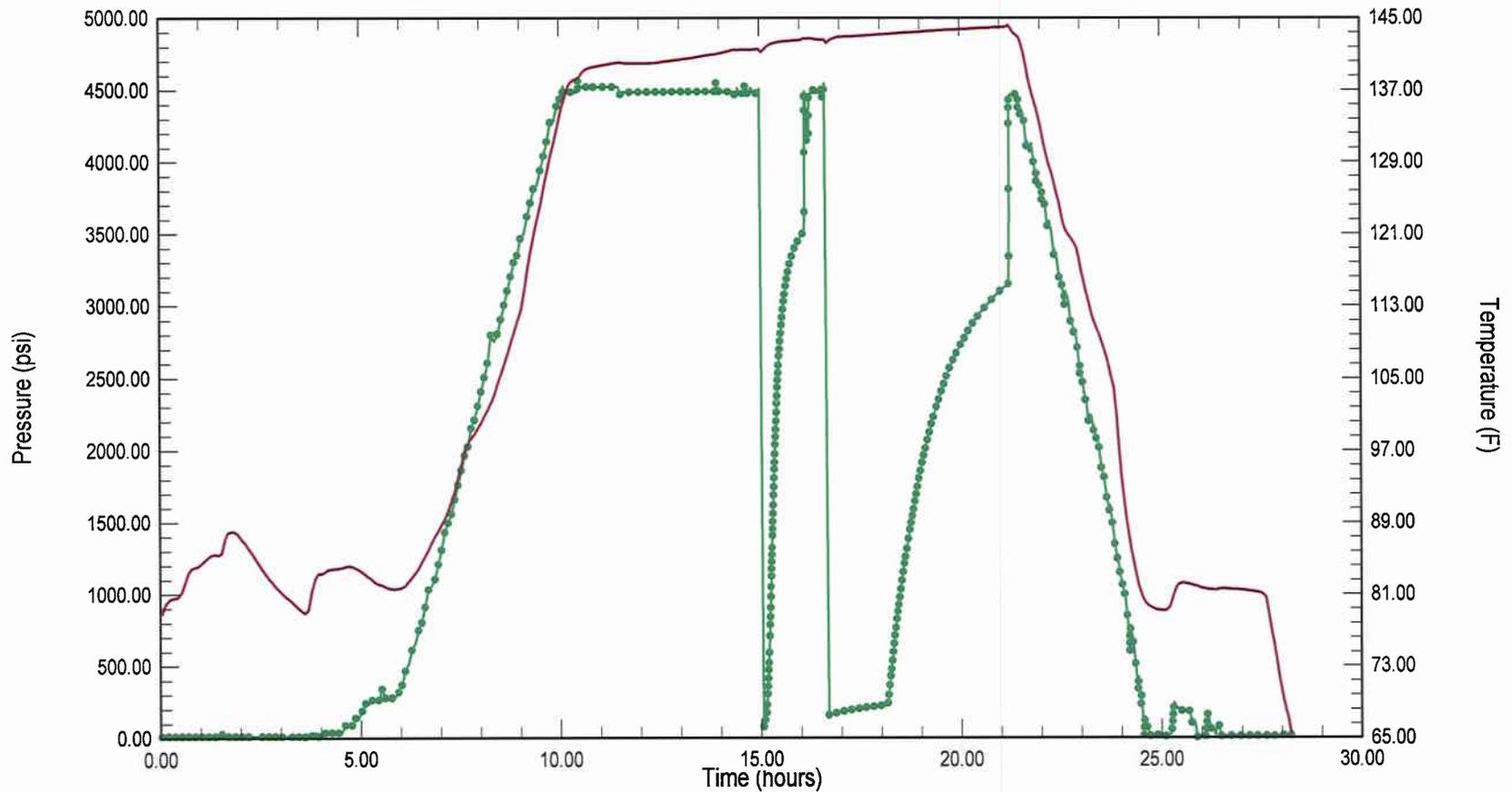
11001142

Blue Bell

25-Jun-05

Date (dd-mmm-yy)	Time (hh:mm:ss)	Comments
25-Jun-05	5:00	Correlating Interval
	7:00	Safety Meeting
	7:27	Set Packers
		Open To 1/8" Bubble Hose Only
	7:30	Start Initial Flow
		Bottom Of The Bucket Blow Immediately
	7:31	2 PSI
	7:33	3 PSI
	7:35	End Flow & Start Shut-in With 3.2 PSI
	8:34	End Shut-in With 2.3 # Of Residual Pressure
		Packers Unseated While Cycling Tool
	9:04	Reset Packers
	9:06	Start Flow With 2# Of Residual Pressure
	9:11	2.4#
	9:16	2.6#
	9:21	2.7#
	9:36	3#
	9:51	3.4#
	10:06	3.6#
	10:21	3.8#
	10:37	End Flow & Start Shut-in With 4 PSI
	13:40	End Shut-in
	13:42	Pulled Loose

## Bottomhole Temperature Log



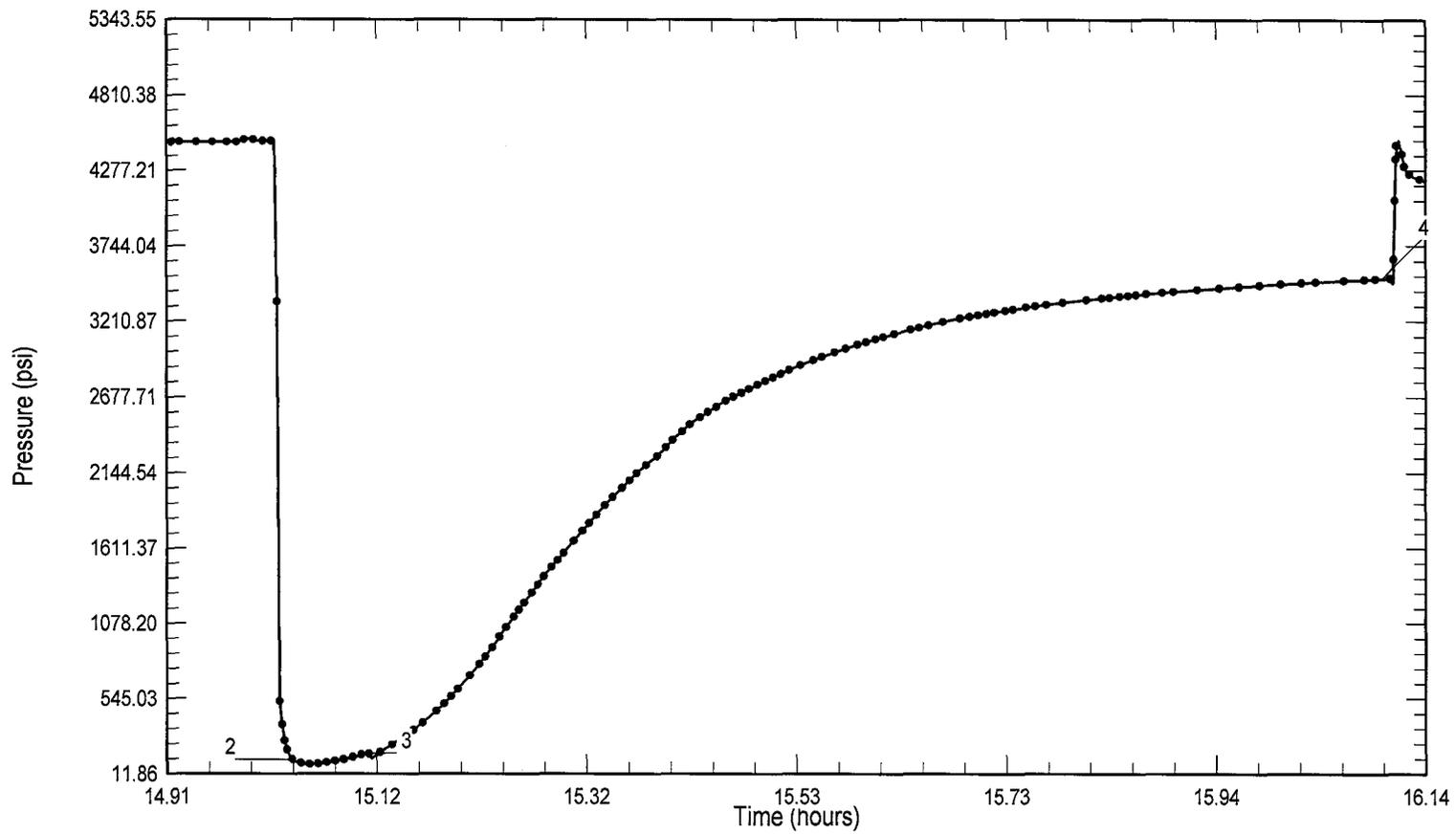
Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05

Initial Flow  
&  
Initial Shutin

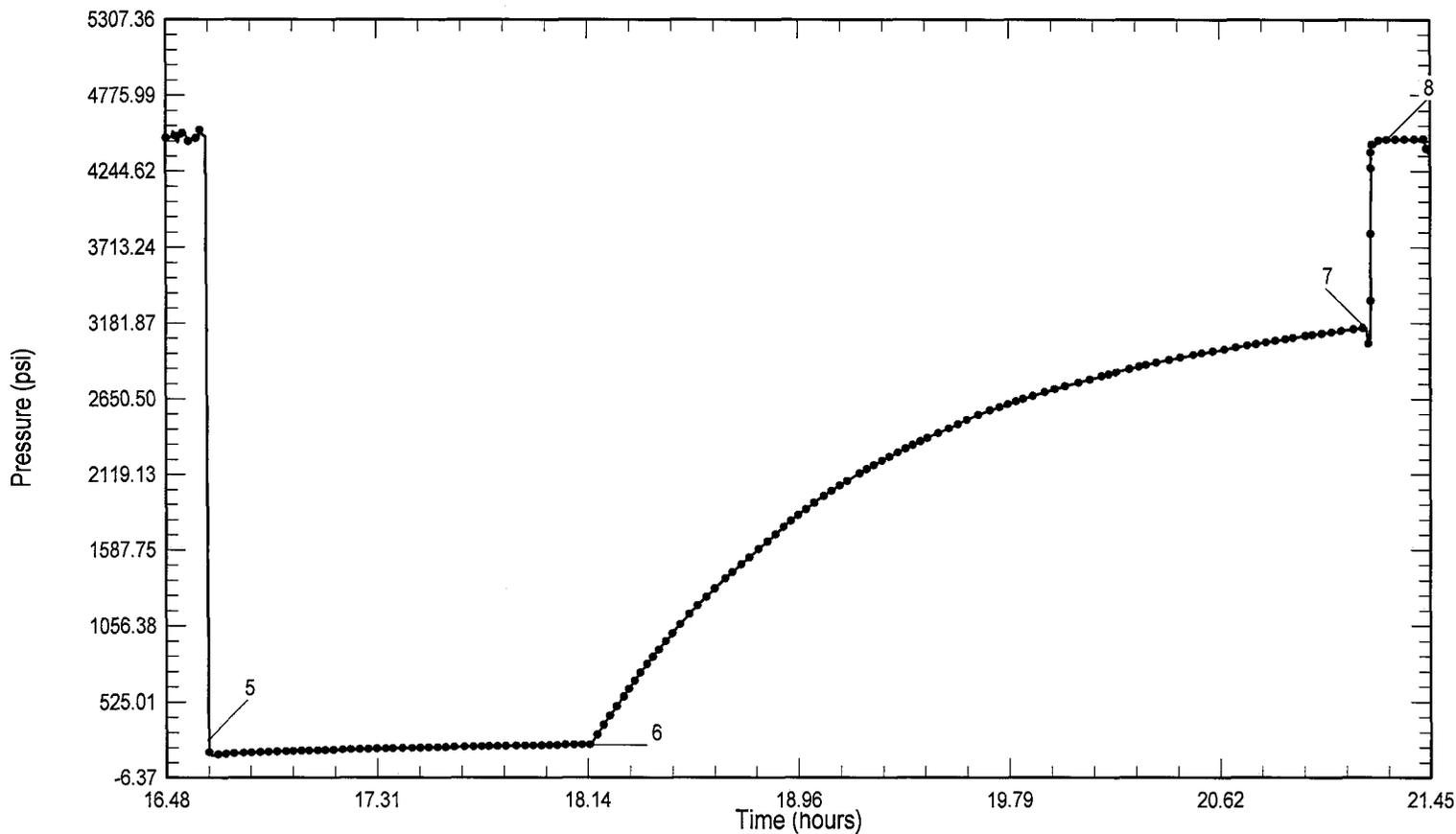


Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

Sundance 3-14A2  
Blue Bell

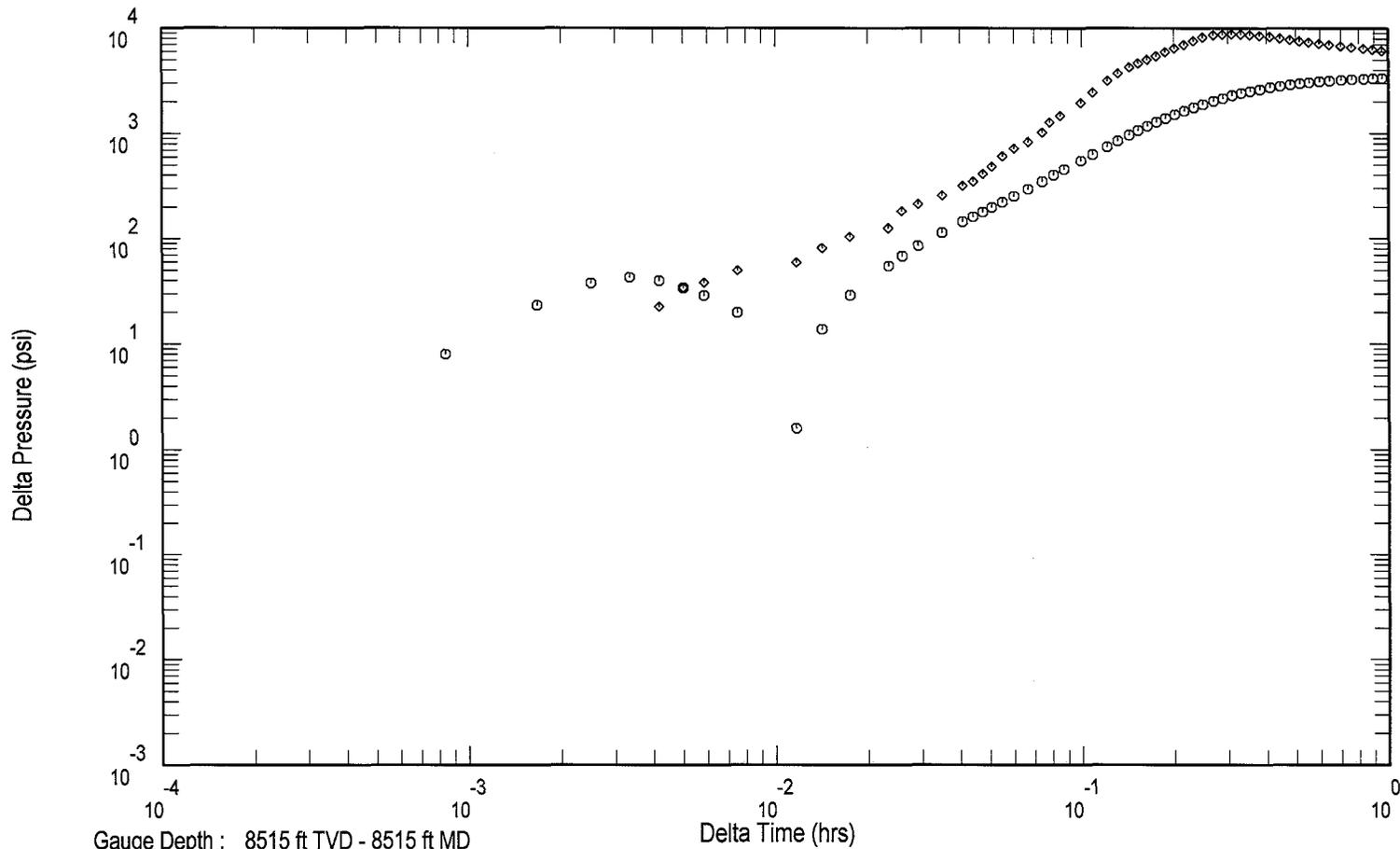
11001142  
25-Jun-05

Final Flow  
&  
Final Shutin



Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

**Log-log Plot - Initial Shutin Period**

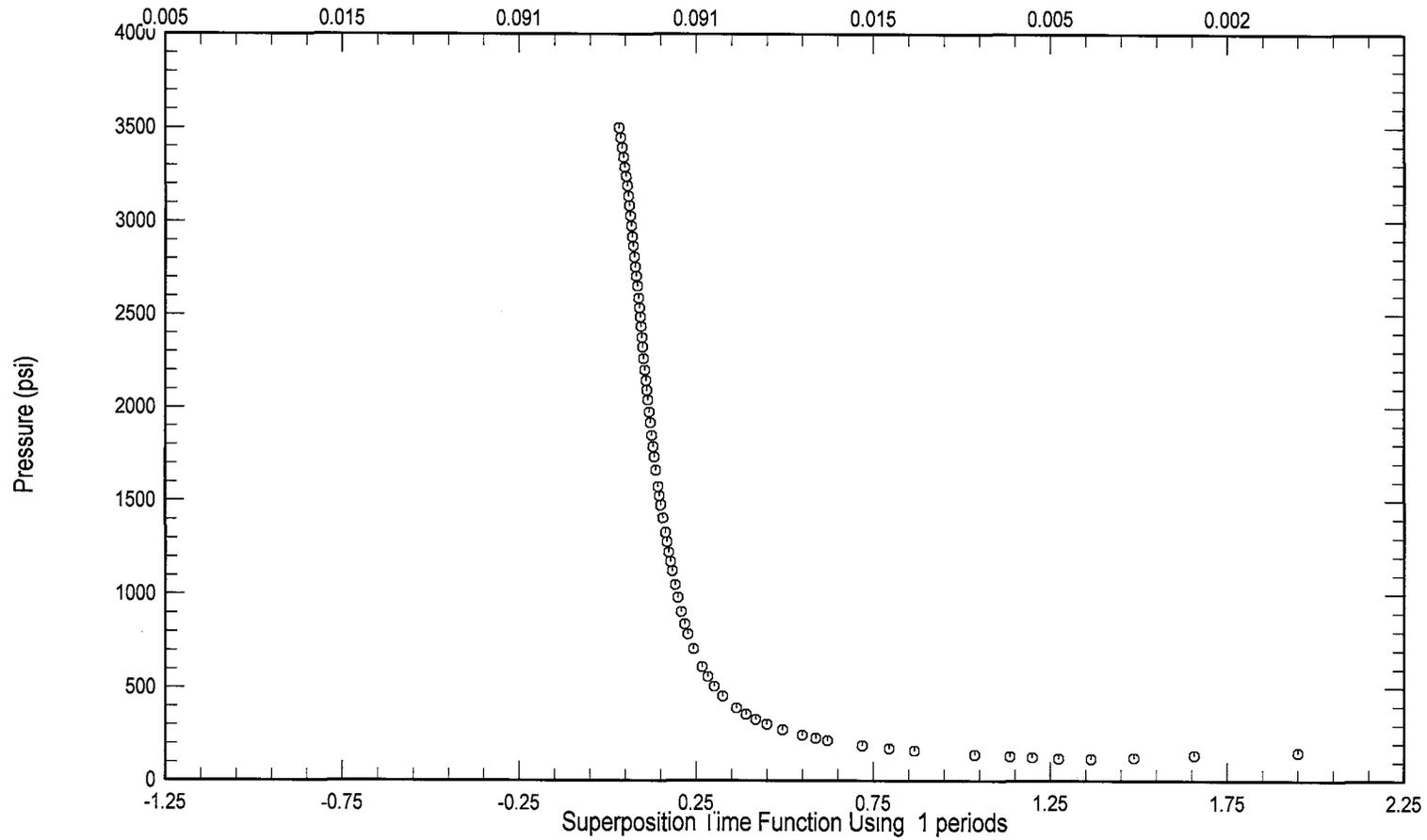


Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05

## Semi-log Plot - Initial Shutin Period

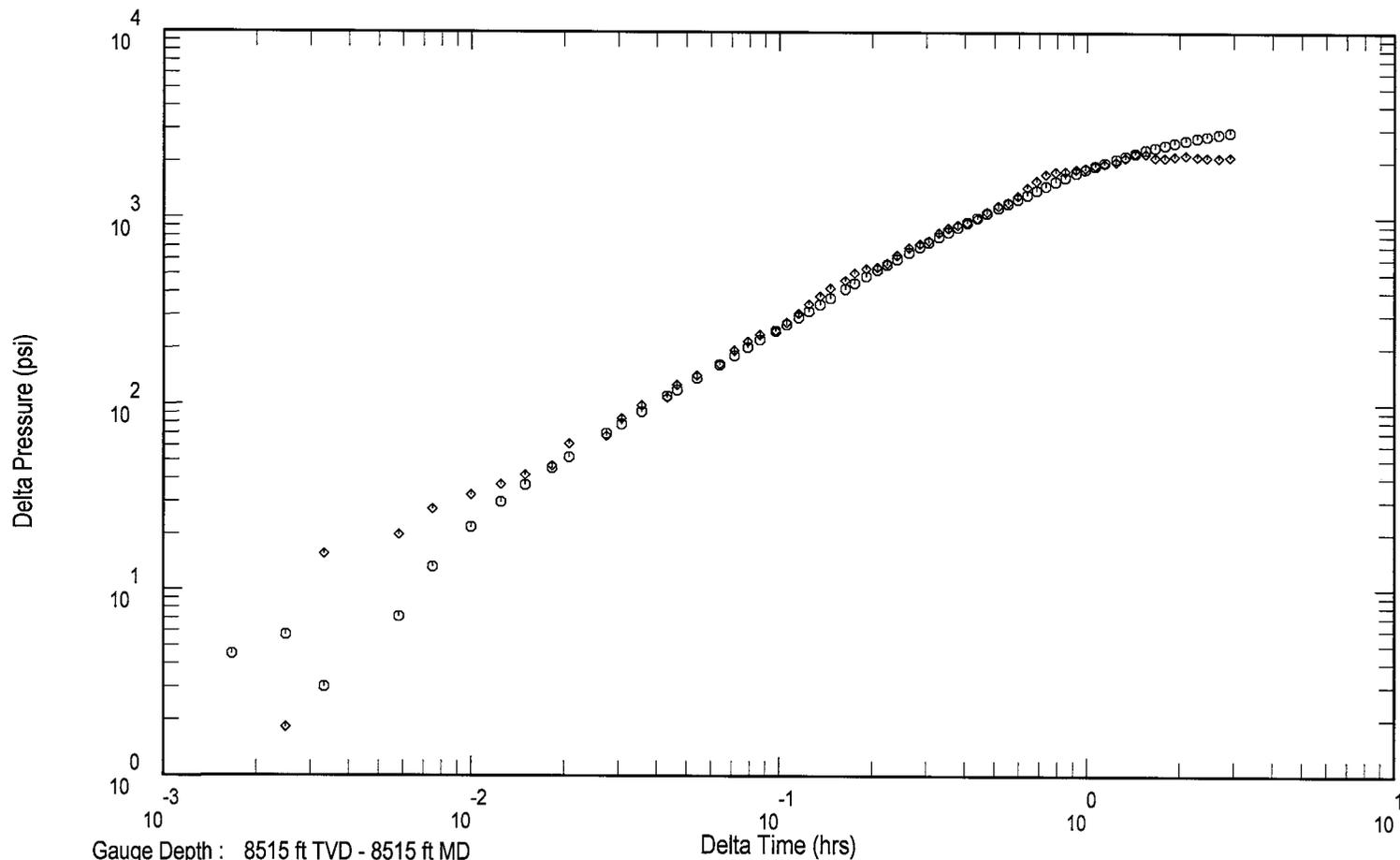


Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

Sundance 3-14A2  
Blue Bell

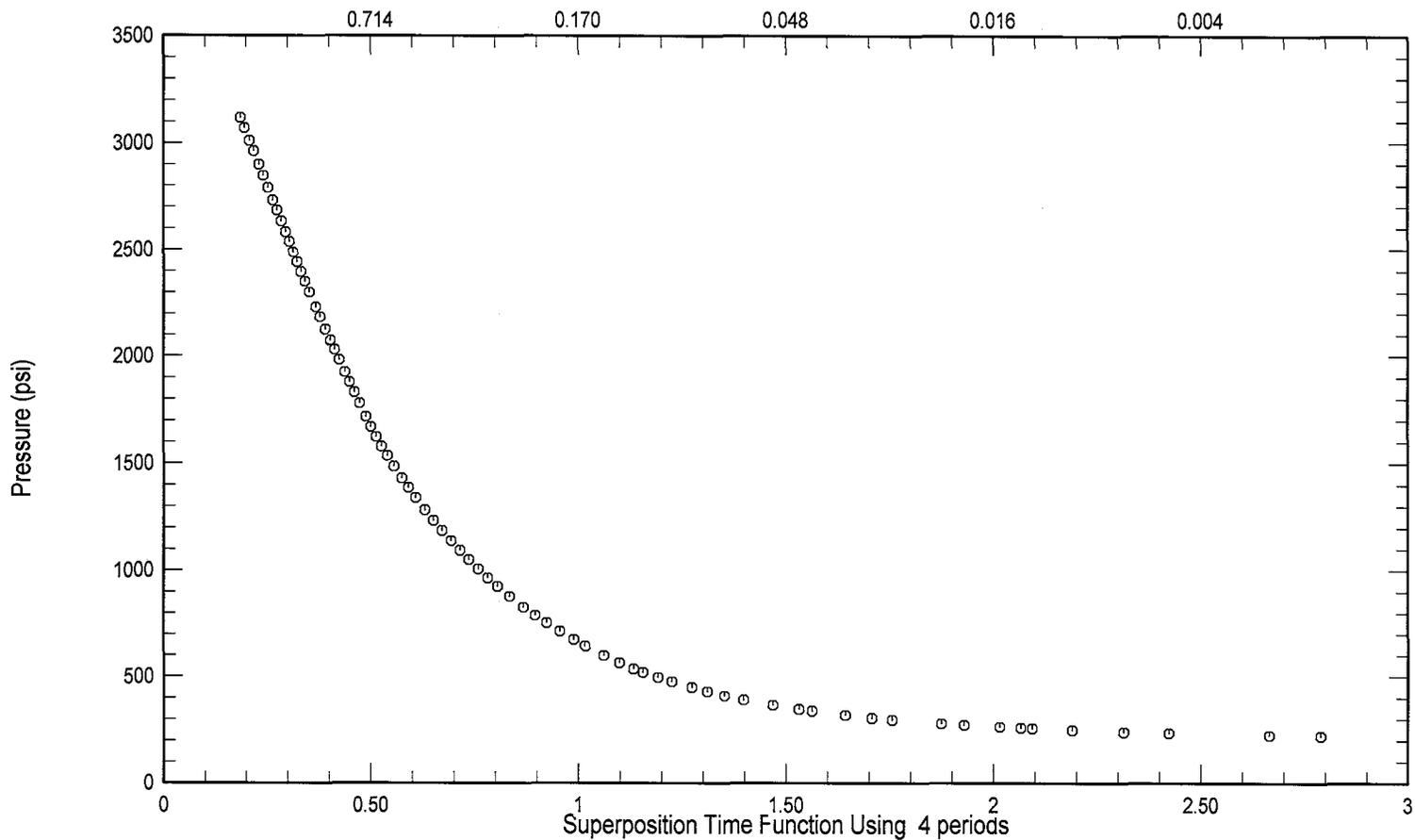
11001142  
25-Jun-05

## Log-log Plot - Second Shutin Period



Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

**Semi-log Plot - Second Shutin Period**



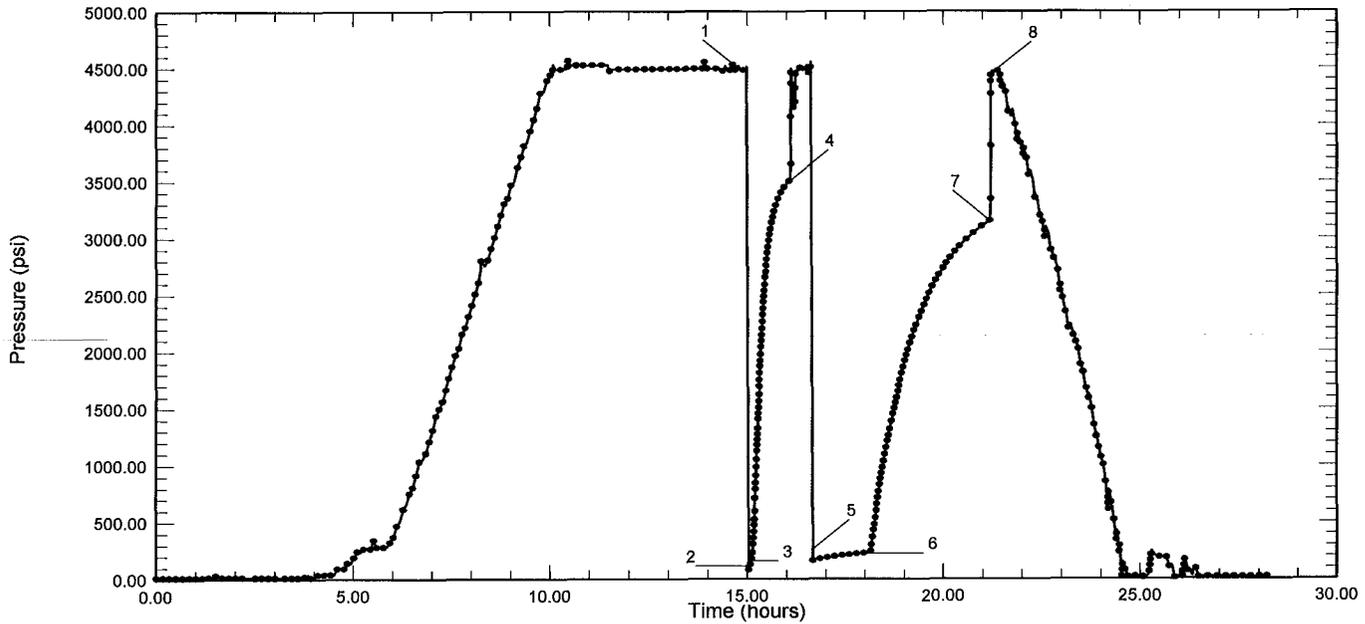
Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

# Schlumberger

**Label Point Data  
Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05



Label Point / Comments	Date (dd-mmm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
<b>Label Point Summary</b>					
1) Hydrostatic Pressure	25-Jun-05	7:17:21	14.823	4481.79	0
2) Start Flow	25-Jun-05	7:30:03	15.034	113.71	1
3) End Flow & Start Shut-in	25-Jun-05	7:34:30	15.108	160.50	0
) End Shut-in	25-Jun-05	8:33:57	16.099	3511.83	0
5) Start Flow	25-Jun-05	9:06:27	16.641	255.87	1
6) End Flow & Start Shut-in	25-Jun-05	10:36:33	18.143	226.90	0
7) End Shut-in	25-Jun-05	13:39:42	21.195	3149.09	0
8) Hydrostatic Pressure	25-Jun-05	13:44:42	21.278	4465.29	0

# Schlumberger

*Gauge Data*  
**Devon Energy**  
**Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

Gauge Serial # SLSR-703

11001142  
June 25, 2005

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
Initial Flow					
25-Jun-05	7:30:03	15.03417	113.712	141.17	
25-Jun-05	7:31:33	15.05917	80.956	141.22	
25-Jun-05	7:33:03	15.08417	110.665	141.33	
Initial Shut-in					
25-Jun-05	7:34:30	15.10833	160.499	141.46	
25-Jun-05	7:34:33	15.10917	152.545	141.46	
25-Jun-05	7:53:57	15.43250	2534.242	142.29	
25-Jun-05	8:14:15	15.77083	3328.053	142.45	
Second Flow					
25-Jun-05	9:06:27	16.64083	255.866	141.62	
25-Jun-05	9:24:48	16.94667	178.405	142.84	
25-Jun-05	9:42:57	17.24917	194.170	142.92	
25-Jun-05	10:01:03	17.55083	207.461	143.01	
25-Jun-05	10:19:30	17.85833	218.711	143.08	
Second Shut-in					
25-Jun-05	10:36:33	18.14250	226.899	143.17	
25-Jun-05	10:36:36	18.14333	225.060	143.17	
25-Jun-05	10:53:42	18.42833	924.711	143.26	
25-Jun-05	11:11:27	18.72417	1462.291	143.35	
25-Jun-05	11:28:45	19.01250	1899.542	143.44	
25-Jun-05	11:46:27	19.30750	2229.781	143.53	
25-Jun-05	12:05:30	19.62500	2501.558	143.62	
25-Jun-05	12:23:54	19.93167	2696.725	143.69	
25-Jun-05	12:42:06	20.23500	2845.872	143.76	

**Schlumberger**

**Devon Energy  
Hook-Straddle DST**

**Sundance 3-14A2**

**Gauge Serial # SLSR-703**

**11001142**

**Blue Bell**

**25-Jun-05**

**Distribution List**

1 Don Culpepper

Devon Energy

20 N. Broadway

Suite 1500

Oklahoma City OK 73102-8260

1 Wayne Roberts

Devon Energy

20 N. Broadway

Suite 1500

Oklahoma City OK 73102-8260

1 Billy Johnson

Devon Energy

20 N. Broadway

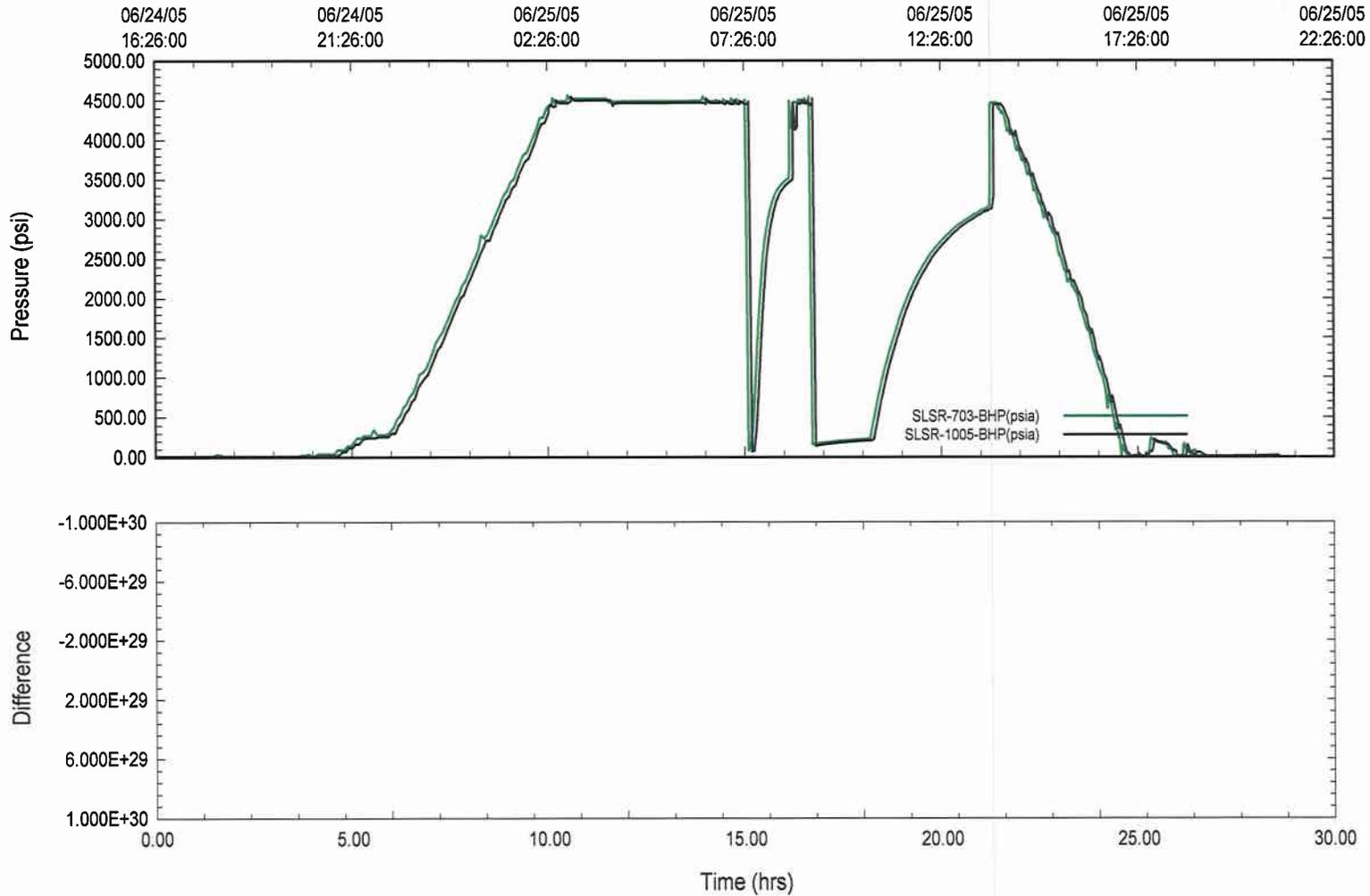
Suite 1500

Oklahoma City OK 73102-8260

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05



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

AMENDED REPORT  FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**FEE**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
**Sundance 3-14A2**

9. API NUMBER:  
**4304332678**

10. FIELD AND POOL, OR WILDCAT  
**Bluebell, UGR**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
**NWNW 14 T1S 2W U**

12. COUNTY  
**Duchesne**

13. STATE  
**UTAH**

14. DATE SPURRED: **5/30/2005**

15. DATE T.D. REACHED: **6/21/2005**

16. DATE COMPLETED: **6/28/2005**

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
**5708' GL**

18. TOTAL DEPTH: MD **9,600** TVD **9,600**

19. PLUG BACK T.D.: MD **0** TVD **0**

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*  
**0**

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
**Triple Combo, High Resolution Laterolog, Neutron & Gamma Ray**

23.  
WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4"	<b>8 5/8 K-55</b>	32#	0	3,500		<b>Class G 1,617</b>	455	Surface	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS       GEOLOGIC REPORT       DST REPORT       DIRECTIONAL SURVEY

SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION       CORE ANALYSIS       OTHER: \_\_\_\_\_

30. WELL STATUS:  
**P&A**

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Sundance 3-14A2</b>
2. NAME OF OPERATOR: <b>Devon Energy Production Company, L. P.</b> Contact: <b>Billy Johnson</b>		9. API NUMBER: <b>4301332678</b>
3. ADDRESS OF OPERATOR: <b>20 North Broadway</b> CITY <b>Oklahoma City</b> STATE <b>OK</b> ZIP <b>73102</b>		PHONE NUMBER: <b>(405) 552-8125</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>970' FNL &amp; 980' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Bluebell</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 14 1S 2W U</b>		COUNTY: <b>Duchesne</b>
		STATE: <b>UTAH</b>

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: <u>6/27/2005</u>	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <u>6/28/2005</u>	<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 checked="" 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 type="checkbox"/> OTHER: _____
	<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.

The subject well was deemed nonproductive via DST by Devon and has plug and abandoned the well. This well was drilled to TD at 9600' and no production casing was set. Plugs: #1 set @ 6238' - 6634', #2 set @ 3614' - 3400'. #3 set @ 1305' - 1155', & #4 set @ 233' to surface.

Attachments: State of Utah Form 7, Form 8, Hook-Straddle DST, and Wellbore Schematic.

RECEIVED  
JUL 05 2005  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Billy Johnson</u>	TITLE <u>Operations Associate</u>
SIGNATURE <u>Billy Johnson</u>	DATE <u>6/27/2005</u>

(This space for State use only)

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

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: Sundance 3-14A2

API number: 013-32678

Well Location: QQ NWNW Section 14 Township 1S Range 2W County Duchesne

Well operator: Devon Energy Production Company, L. P.

Address: 20 North Broadway  
city Oklahoma City state OK zip 73102

Phone: (405) 552-8125

Drilling contractor: Nabors Drilling USA, LP

Address: 475 17th Street, Suite 1330  
city Denver state CO zip 80202

Phone: (303) 308-8101

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
2,140	2,507	20	Salty

Formation tops: 1 no logs @ this depth  
(Top to Bottom) 4 \_\_\_\_\_ 5 \_\_\_\_\_ 6 \_\_\_\_\_  
7 \_\_\_\_\_ 8 \_\_\_\_\_ 9 \_\_\_\_\_  
10 \_\_\_\_\_ 11 \_\_\_\_\_ 12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Billy Johnson

TITLE Operations Associate

SIGNATURE *Billy Johnson*

DATE 6/6/2005

**RECEIVED**

**JUL 05 2005**

**Cover Page and General Info**

**General**

Service Order Number	11001142
Company	Devon Energy
Test Description	Hook-Straddle DST
Report Date	June 25, 2005
Test Date	June 25, 2005
Company Representative	Pete Thomas
SWS Rep	Kirk Beasley

**Well Description**

Well Name	Sundance
Well Number	3-14A2
Field	Blue Bell
County/Parish	Duchesne
Rig Name	Nabors 204
State	Utah

**Wellbore Configuration**

Total Depth [MD/TVD] (ft)	9,600/9,600
Casing Liner ID (in)	8.625
Casing Liner Top (ft)	
Wellbore Radius (ft)	7.875
Mud Weight (lb/gal)	10
Mud Type	Spud Mud

**Test Identification**

Test Number	One
Formation	Green River
Interval (MD)	8,502 - 8,524

**Test String Configuration**

DRILL PIPE 1 Length (ft) / ID (in)	7091
DRILL PIPE 2 Length (ft) / ID (in)	899
DRILL COLLAR Length (ft) / ID (in)	463
Top Packer Depth [MD] (ft)	8496
Btm Packer Depth [MD] (ft)	8528
Gauge Depth (MD)	8515
Gauge Depth (TVD)	8515
Downhole Valve Type	Multiflow Evaluator
Downhole Valve Depth	8471

**Key Information**

Initial Hydrostatic Pressure	4482	
Initial Hydrostatic Gradient (psi / ft)	0.526	<- Calc.
Final Hydrostatic Pressure (psi)	4465	
Final Hydrostatic Gradient (psi/ft)	0.524	<- Calc.
Final Shut In Pressure	3149	
Reservoir Pressure Gradient	0.370	<- Calc.
Bottomhole Temperature	144	
Final Flowing Pressure	227	
Final Flow Rate	0	
Productivity Index	0.000	<- Calc.
Rate Units	0	

**Gauge Information**

Gauge Source File	c:\sws\11001142\A_rawdata\1001142.sp
Gauge Serial Number	SLSR-703
Reference Date	06/24/05
Reference Real Time	16:28:00
Reference ET Time	0.0000

**Sample Chamber**

Sample Chamber Volume (cc)	2500
Oil Recovery (cc)	250
Water Recovery (cc)	
Mud Recovery (cc)	1400
Measured Gas (ft3)	0.40
Sampler Pressure At Surface (psig)	160
Surface Temperature (F)	73
API Gravity of SC Oil	
Resistivity of SC Water (ohm)	
Resistivity of SC Mud Filtrate (ohm)	0.05

**Corrected Gas Volume**

Gas Gravity (DIM)	0.65
Yield (bbl/mmscf)	0.00
BHT (From D31 Above)	144
Final Flowing Press (From D32 Above)	227
Calculated Z Value (Dim)	0.975
Corrected Gas Volume (scf)	0.409

Note: Z Calc Assumes No Impurities

RECEIVED

JUL 05 2005

6/29/2005 12:58 PM

DIV. OF OIL, GAS & MINING

Pipe Recovery		Pipe				Sample
Description	Feet of Recovery	Pipe ID	API	Res (ohm)	PPM CHL	Temperature (F)
1 Gas Cut Rathole Mud	150	2.500		0.052	100,000	
2 Rathole Mud	150	2.500		0.052	100,000	
3						
4						
5						
6						
7						
8						
9						
10						

### Completion Information Page and Analysis Input Data

Reference Date: 6/24/2005  
 Reference Real Time: 16:28:00  
 Reference Elapsed Time: 0

Water Saturation (%): N/G  
 Gas Saturation (%): N/G  
 Oil Saturation (%): N/G  
 Gas Specific Gravity (dim): N/G  
 Oil Gravity - API: N/G  
 GLR(scf/bbl): N/G  
 Water Cut (%): N/G

Zone Height [h] (ft): 0  
 Porosity (Frac): N/G  
 Viscosity (cp): N/G  
 Total Compressibility (1/psi): N/G  
 Formation Volume Factor: N/G  
 Open Hole Radius (ft): N/G  
 Distance Between Wells (ft): N/G

### Setup Information

Schlumberger District Name: Schlumberger Testing Services  
 Address: Hobbs Testing 505-393-4107

1

Name Don Culpepper  
 Company Devon Energy  
 Address 1 20 N. Broadway  
 Address 2 Suite 1500  
 City Oklahoma City  
 State OK  
 Zip 73102-8260  
 Number of Copies 1

2

Name Wayne Roberts  
 Company Devon Energy  
 Address 1 20 N. Broadway  
 Address 2 Suite 1500  
 City Oklahoma City  
 State OK  
 Zip 73102-8260  
 Number of Copies 1

3

Name Billy Johnson  
 Company Devon Energy  
 Address 1 20 N. Broadway  
 Address 2 Suite 1500  
 City Oklahoma City  
 State OK  
 Zip 73102-8260  
 Number of Copies 1

4

Name  
 Company  
 Address 1  
 Address 2  
 City  
 State  
 Zip  
 Number of Copies

5

Name  
 Company  
 Address 1  
 Address 2  
 City  
 State  
 Zip  
 Number of Copies

### Devon Energy

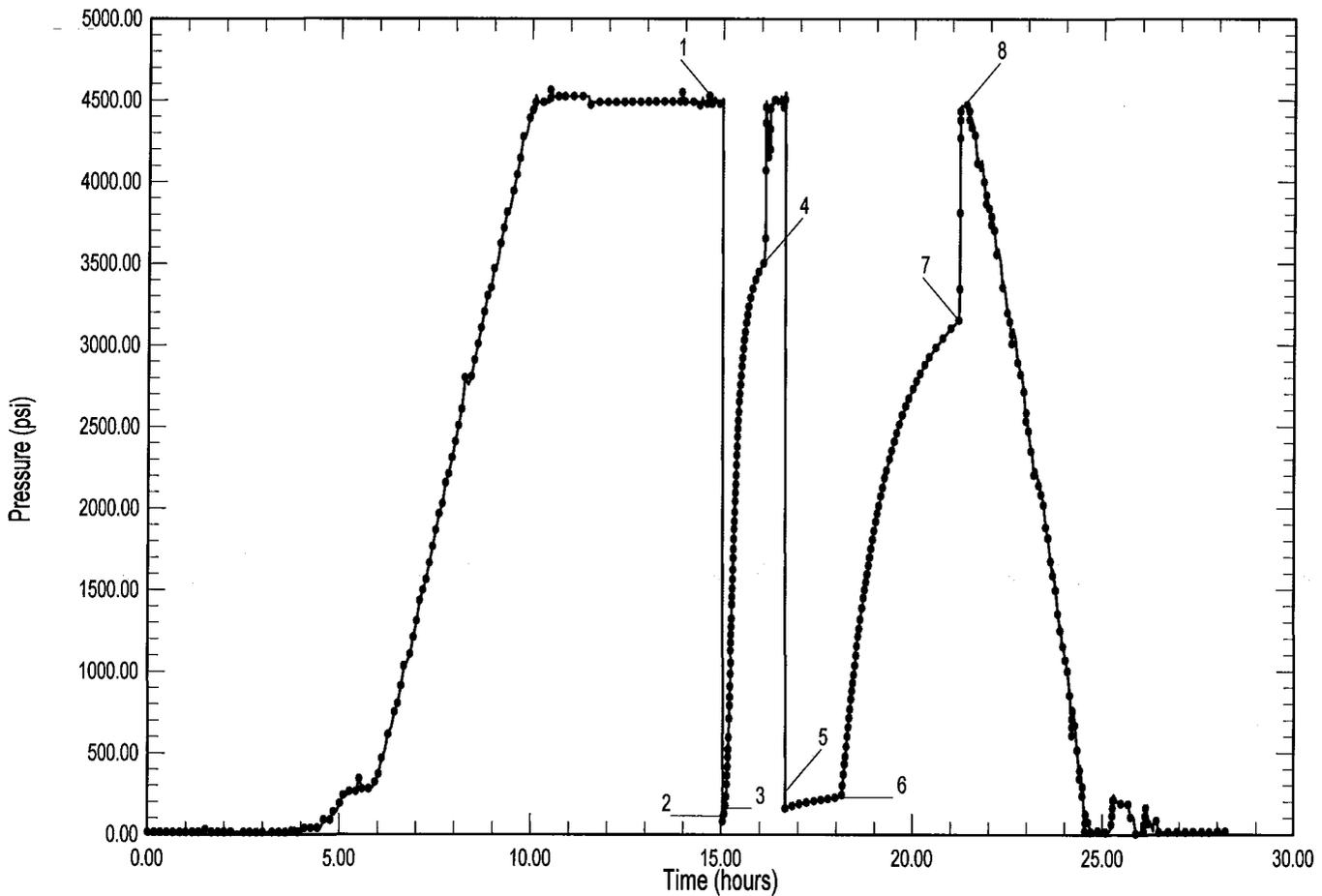
Hook-Straddle DST

Sundance - 3-14A2

Blue Bell

Rig : Nabors 204

Duchesne - Utah



### Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Hobbs Testing 505-393-4107

# Schlumberger

## Job Summary Devon Energy Hook-Straddle DST

Sundance 3-14A2  
Blue Bell

Service Order Number : 11001142  
Test Date : 25-Jun-05

Company Rep ..... James Elliott	SWS Rep ..... Kirk Beasley
---------------------------------	----------------------------

### Test Information

Test Number ..... One	Formation ..... Green River
	Interval (MD ft) ..... 8,502 - 8,524

### Well Location

Well..... Sundance 3-14A2	Rig..... Nabors 204
Field..... Blue Bell	State ..... Duchesne - Utah

### Wellbore Configuration

Total Depth (MD/TVD ft) ..... 9,600/9,600	Cushion.....	Wellbore Radius (ft) ..... 7.875
Casing / Liner ID (in) ..... 8.625	Mud Weight (lb/gal) ..... 10	Mud Type ..... Spud Mud
Top of Liner (md- ft) .....	Mud: Chlorides/Resistivity.....	100,000 PPM/.05 @ 76

### Test String Configuration

Pipe Length (ft) / ID (in) ..... 7091	Gauge Depth ( MD ) ..... 8515
Pipe Length (ft) / ID (in) ..... 899	Gauge Depth ( TVD ) ..... 8515
Drill Collar Length (ft) / ID (in) ..... 463	Test Valve Type ..... Multiflow Evaluator
Packer Depths (ft MD) ..... 8496 / 8528	Test Valve Depth (ft) (MD) ..... 8471

### Key Information

Initial Hydrostatic Pressure ..... 4482	Final Shut In Pressure ..... 3149
Init. Hyd Grad & Density ..... 0.526 psi/ft / 10.12 lb/gal	Final Shut In Grad & Density ..... 0.370 psi/ft / 7.11 lb/gal
Final Hydrostatic Pressure ..... 4465	Final Flowing Pressure ..... 227
Final Hyd Grad & Density ..... 0.524 psi/ft / 10.08 lb/gal	Final Flow Rate ( ) .....
Bottom Hole Temp..... 144	Productivity Index ( ) .....

An openhole formation evaluation test was performed on the Green River formation. This well performance test was an off-bottom conventional hook straddle test that isolated 14' of pay between the upper packer @ 8,502' and the lower packer @ 8,524'. Because of the small window available for the packer seats, a correlation log was used in conjunction with the pipe strap to put the packers "on depth". There were no drillpipe leaks, the annulus remained constant, and the interval was completely isolated during both the flows and the shutins. Mud was bypassed while cycling the tool after the initial shutin, but two flows and two shutins were obtained. The test was mechanically correct and conclusive. The test times were well suited for the reservoir's response. The bubble hose was used as the surface choke. The maximum pressure was 4 PSI. There was no indication that gas ever reached the surface during the test. The pipe was pulled to the recovery. The recovery was 300' (1.5 barrels) of gas cut rathole mud. The only oil that was seen was in the sampler, it contained 250 cc's of oil and 1400 cc's of mud. Please direct any questions concerning this test to the Hobbs Testing District @ 505/393-4107. Thank you for choosing Schlumberger.

### Schlumberger Crew

Kirk Beasley

Sundance 3-14A2  
Blue Bell

11001142  
25-Jun-05

Sample Chamber Capacity (cc) ..... 2500

**Measured Fluid Recovery**

		<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc) .....	250	73	160.0
Water (cc) .....		73	160.0
Mud (cc) .....	1400		
Total Liquid Recovery (cc)	1650		
Gas (ft3) .....	0.4	73	160.0

**Corrected Sample Chamber Gas Recovery**

Bottomhole Temperature (F) .....	144	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia) .....	227	Est Z Value @ Pwf and Tres	0.975
Corrected Gas Recovery (scf) .....	0.409		

**Sample Chamber Fluid Ratios**

Sample Chamber Water Cut .....	#VALUE!
GOR Using Corrected Gas Recovery ....	260
GLR Using Corrected Gas Recovery .....	#VALUE!

**Pipe Recovery**

<u>Description</u>	<u>Recovery feet</u>	<u>Pipe ID (in)</u>	<u>Recovery bbl</u>	<u>Oil Density API</u>	<u>RES ohm</u>	<u>CHL ppm</u>
Gas Cut Rathole Mud	150	2.5	0.91		0.052	100k
Rathole Mud	150	2.5	0.91		0.052	100k

# Schlumberger

*Sequence of Events*  
**Devon Energy**  
**Hook-Straddle DST**

Sundance 3-14A2

11001142

Blue Bell

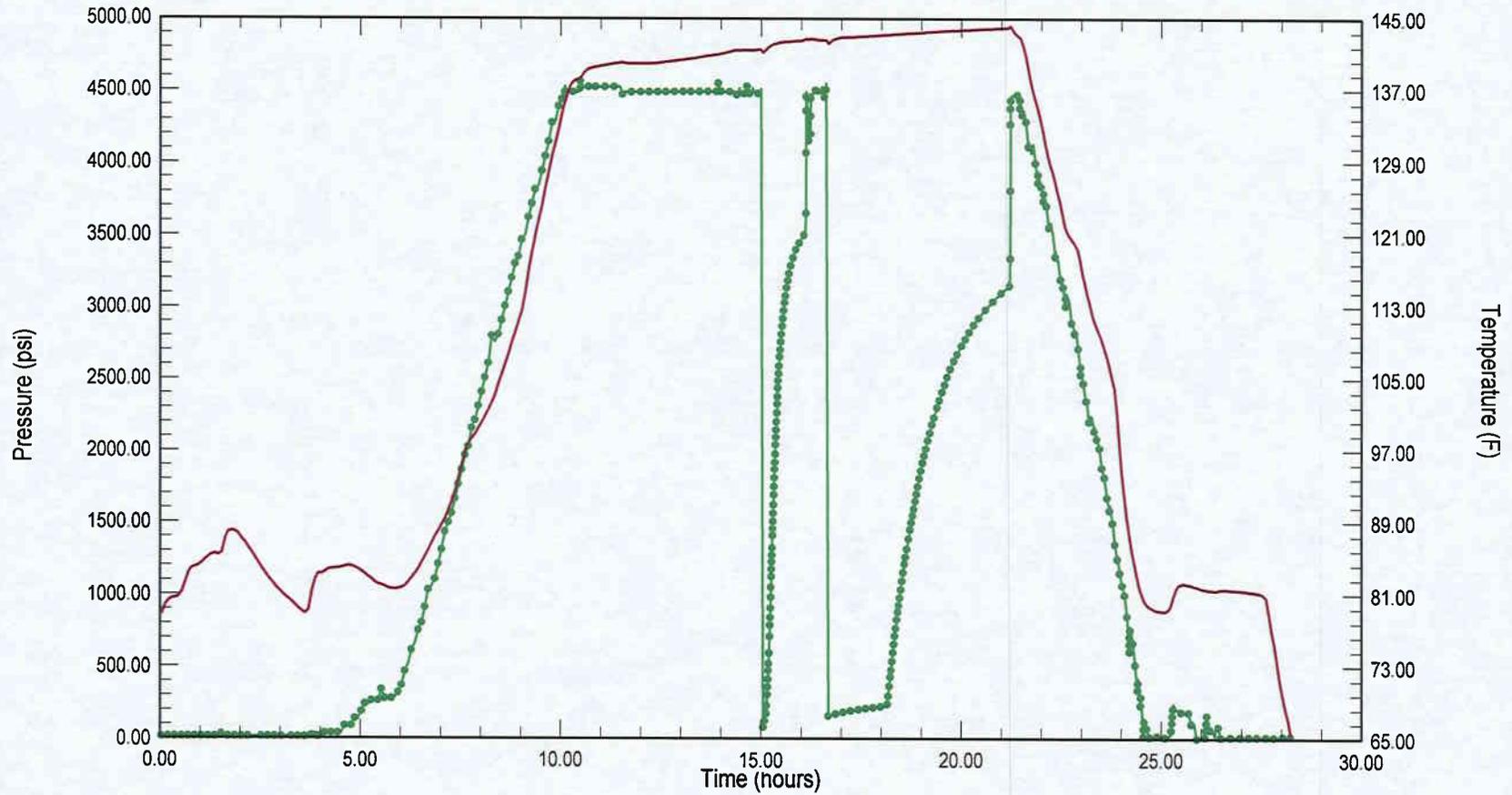
25-Jun-05

Date (dd-mmm-yy)	Time (hh:mm:ss)	Comments
---------------------	--------------------	----------

25-Jun-05

5:00	Correlating Interval
7:00	Safety Meeting
7:27	Set Packers Open To 1/8" Bubble Hose Only
7:30	Start Initial Flow Bottom Of The Bucket Blow Immediately
7:31	2 PSI
7:33	3 PSI
7:35	End Flow & Start Shut-in With 3.2 PSI
8:34	End Shut-in With 2.3 # Of Residual Pressure Packers Unseated While Cycling Tool
9:04	Reset Packers
9:06	Start Flow With 2# Of Residual Pressure
9:11	2.4#
9:16	2.6#
9:21	2.7#
9:36	3#
9:51	3.4#
10:06	3.6#
10:21	3.8#
10:37	End Flow & Start Shut-in With 4 PSI
13:40	End Shut-in
13:42	Pulled Loose

Bottomhole Temperature Log

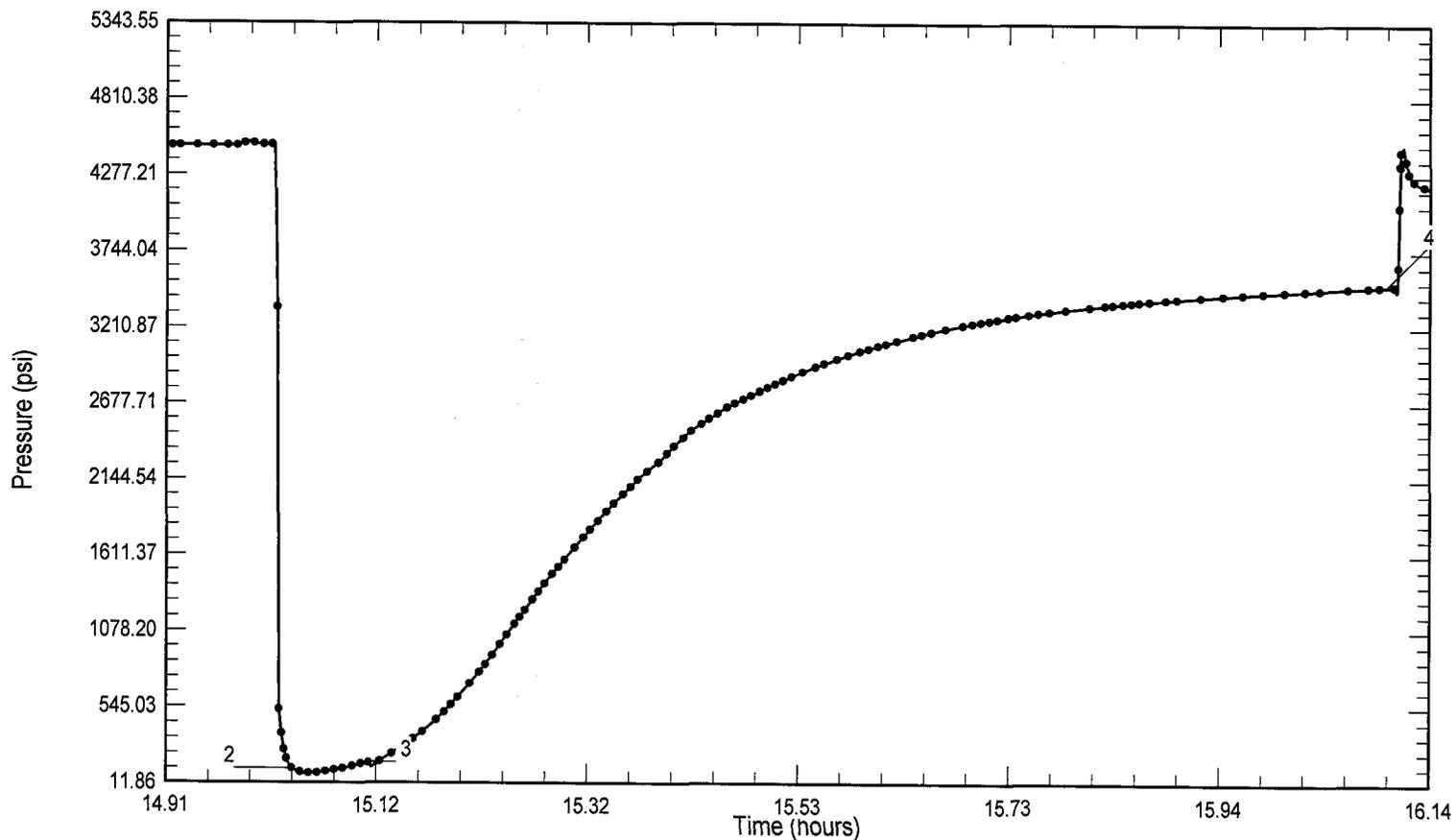


Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

Sundance 3-14A2  
Blue Bell

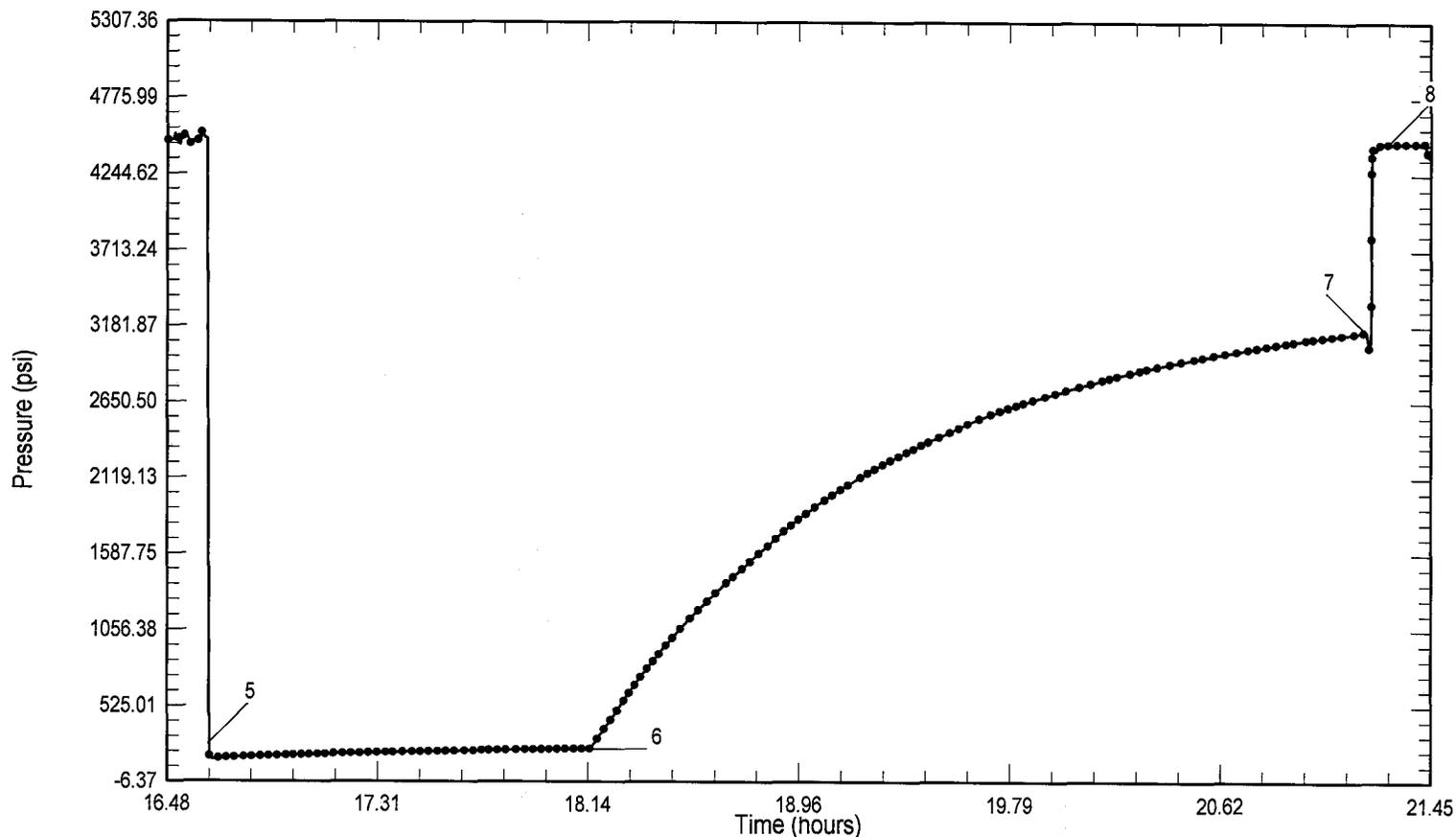
11001142  
25-Jun-05

Initial Flow  
&  
Initial Shutin



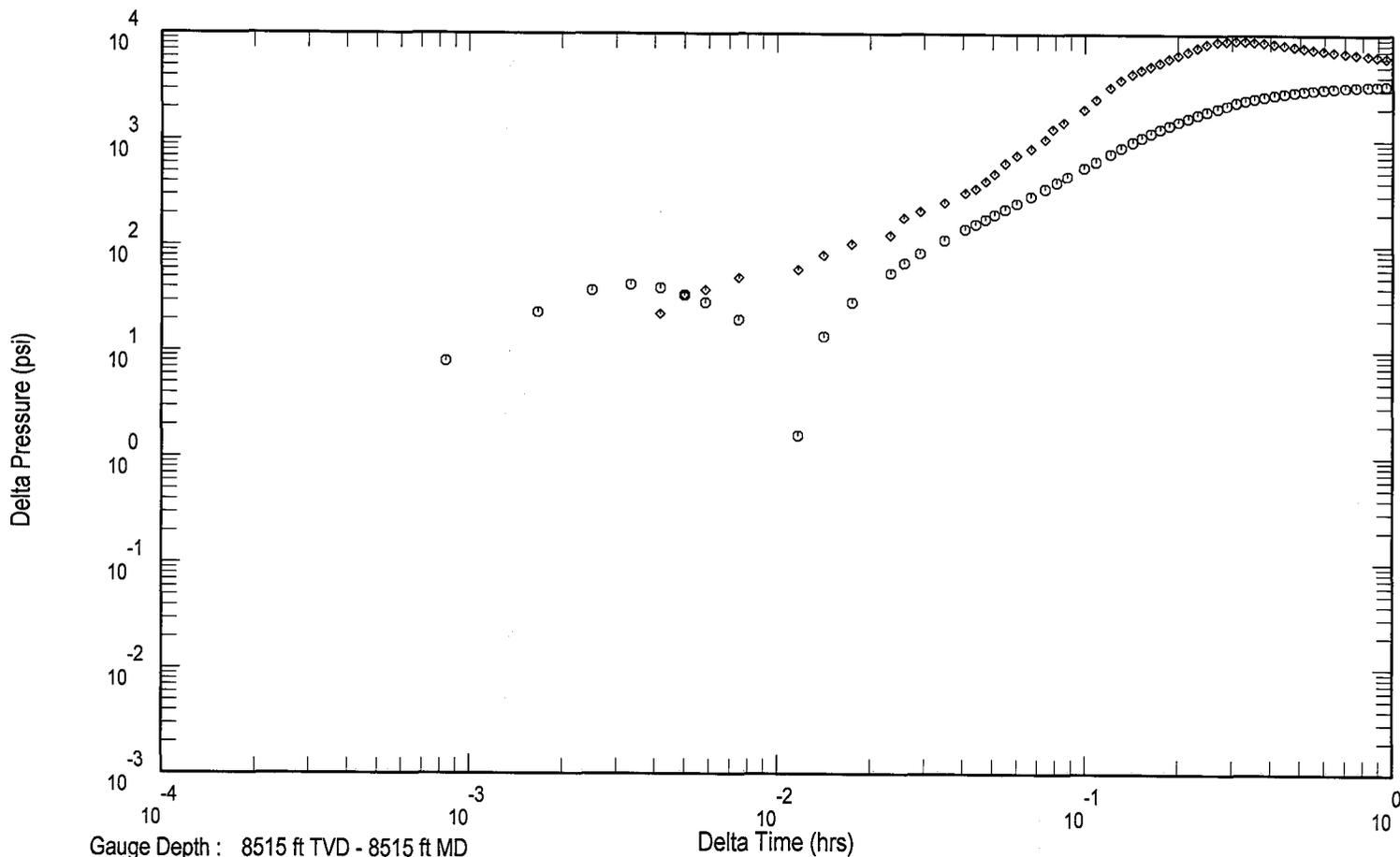
Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

Final Flow  
&  
Final Shutin



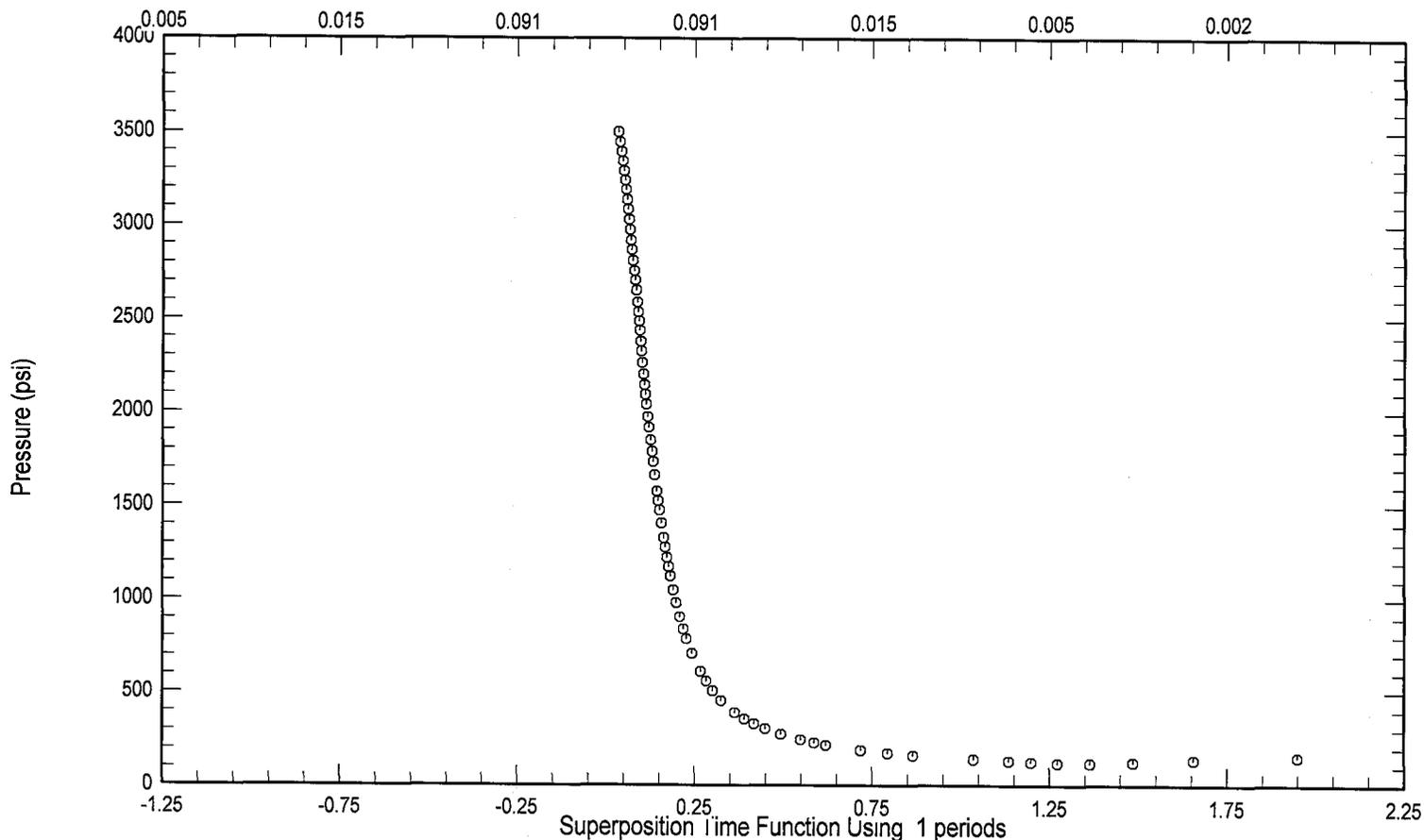
Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

**Log-log Plot - Initial Shutin Period**



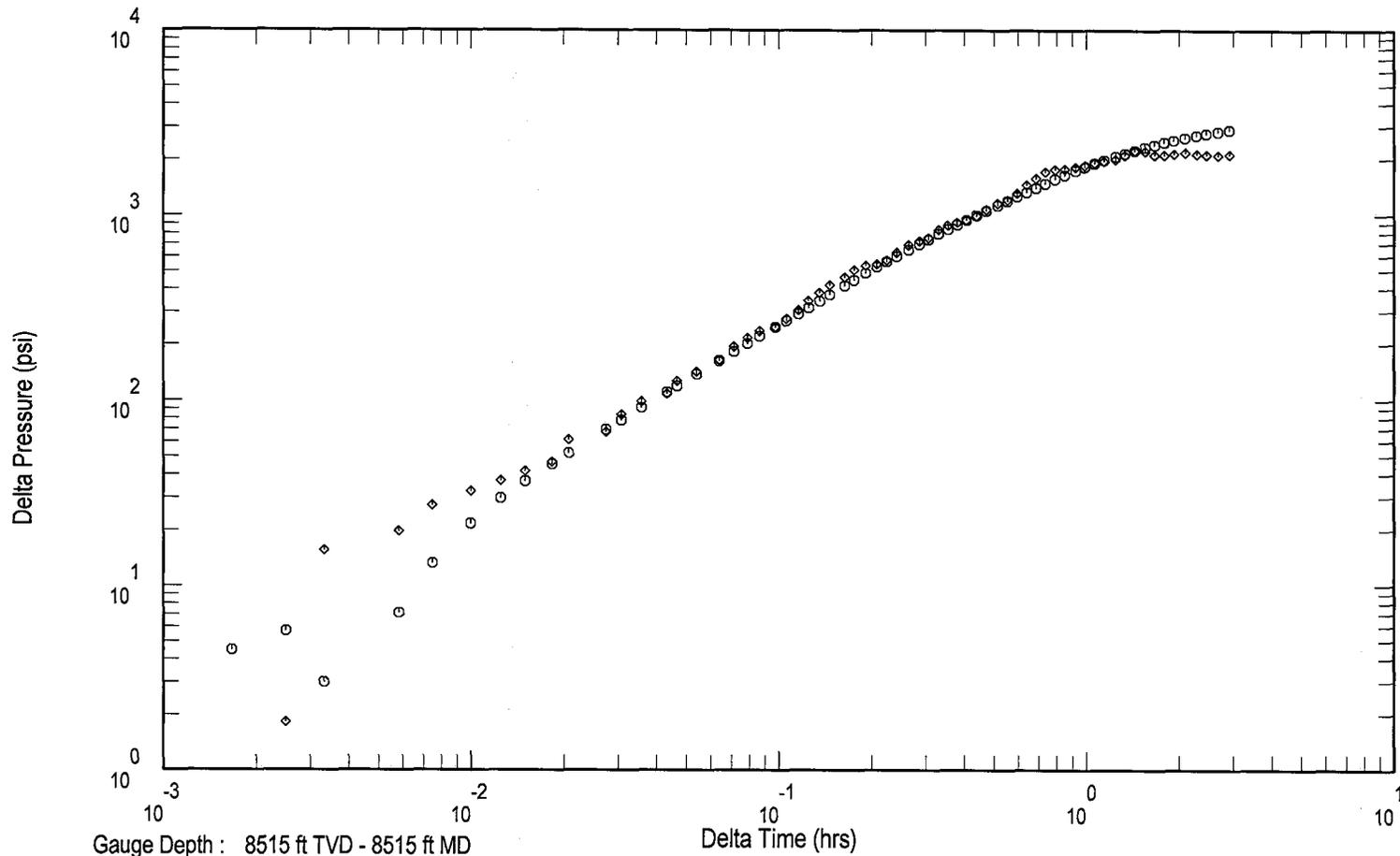
Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

**Semi-log Plot - Initial Shutin Period**



Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

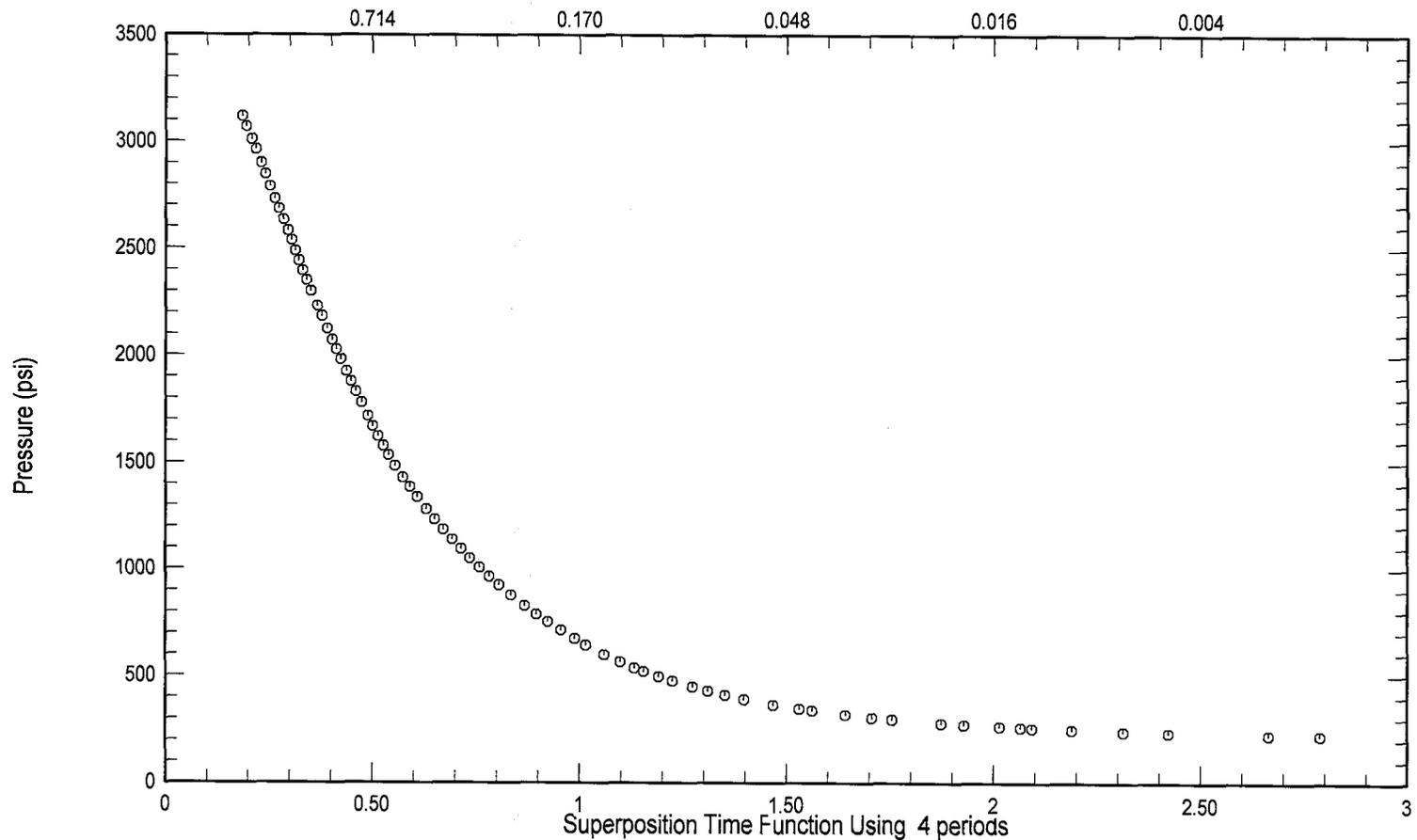
## Log-log Plot - Second Shutin Period



Gauge Depth : 8515 ft TVD - 8515 ft MD

Gauge ID : SLSR-703

**Semi-log Plot - Second Shutin Period**



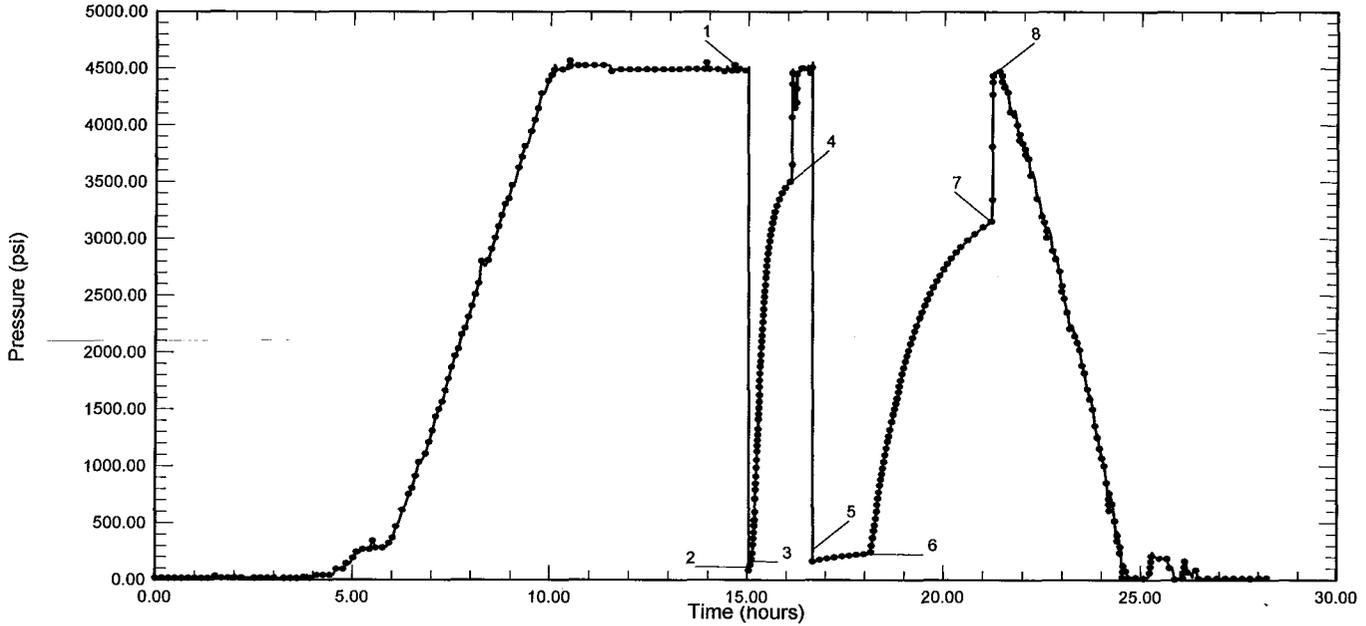
Gauge Depth : 8515 ft TVD - 8515 ft MD  
Gauge ID : SLSR-703

# Schlumberger

**Label Point Data  
Devon Energy  
Hook-Straddle DST**

**Sundance 3-14A2  
Blue Bell**

**11001142  
25-Jun-05**



Label Point / Comments	Date (dd-mmm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
<b>Label Point Summary</b>					
1) Hydrostatic Pressure	25-Jun-05	7:17:21	14.823	4481.79	0
2) Start Flow	25-Jun-05	7:30:03	15.034	113.71	1
3) End Flow & Start Shut-in	25-Jun-05	7:34:30	15.108	160.50	0
) End Shut-in	25-Jun-05	8:33:57	16.099	3511.83	0
5) Start Flow	25-Jun-05	9:06:27	16.641	255.87	1
6) End Flow & Start Shut-in	25-Jun-05	10:36:33	18.143	226.90	0
7) End Shut-in	25-Jun-05	13:39:42	21.195	3149.09	0
8) Hydrostatic Pressure	25-Jun-05	13:44:42	21.278	4465.29	0

# Schlumberger

**Gauge Data**  
**Devon Energy**  
**Hook-Straddle DST**

Sundance 3-14A2  
Blue Bell

Gauge Serial # SLSR-703

11001142  
June 25, 2005

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
Initial Flow					
25-Jun-05	7:30:03	15.03417	113.712	141.17	
25-Jun-05	7:31:33	15.05917	80.956	141.22	
25-Jun-05	7:33:03	15.08417	110.665	141.33	
Initial Shut-in					
25-Jun-05	7:34:30	15.10833	160.499	141.46	
25-Jun-05	7:34:33	15.10917	152.545	141.46	
25-Jun-05	7:53:57	15.43250	2534.242	142.29	
25-Jun-05	8:14:15	15.77083	3328.053	142.45	
Second Flow					
25-Jun-05	9:06:27	16.64083	255.866	141.62	
25-Jun-05	9:24:48	16.94667	178.405	142.84	
25-Jun-05	9:42:57	17.24917	194.170	142.92	
25-Jun-05	10:01:03	17.55083	207.461	143.01	
25-Jun-05	10:19:30	17.85833	218.711	143.08	
Second Shut-in					
25-Jun-05	10:36:33	18.14250	226.899	143.17	
25-Jun-05	10:36:36	18.14333	225.060	143.17	
25-Jun-05	10:53:42	18.42833	924.711	143.26	
25-Jun-05	11:11:27	18.72417	1462.291	143.35	
25-Jun-05	11:28:45	19.01250	1899.542	143.44	
25-Jun-05	11:46:27	19.30750	2229.781	143.53	
25-Jun-05	12:05:30	19.62500	2501.558	143.62	
25-Jun-05	12:23:54	19.93167	2696.725	143.69	
25-Jun-05	12:42:06	20.23500	2845.872	143.76	

**Schlumberger**

**Devon Energy  
Hook-Straddle DST**

Sundance 3-14A2

Gauge Serial # SLSR-703

11001142

Blue Bell

25-Jun-05

Distribution List

1 Don Culpepper  
Devon Energy  
20 N. Broadway  
Suite 1500  
Oklahoma City OK 73102-8260

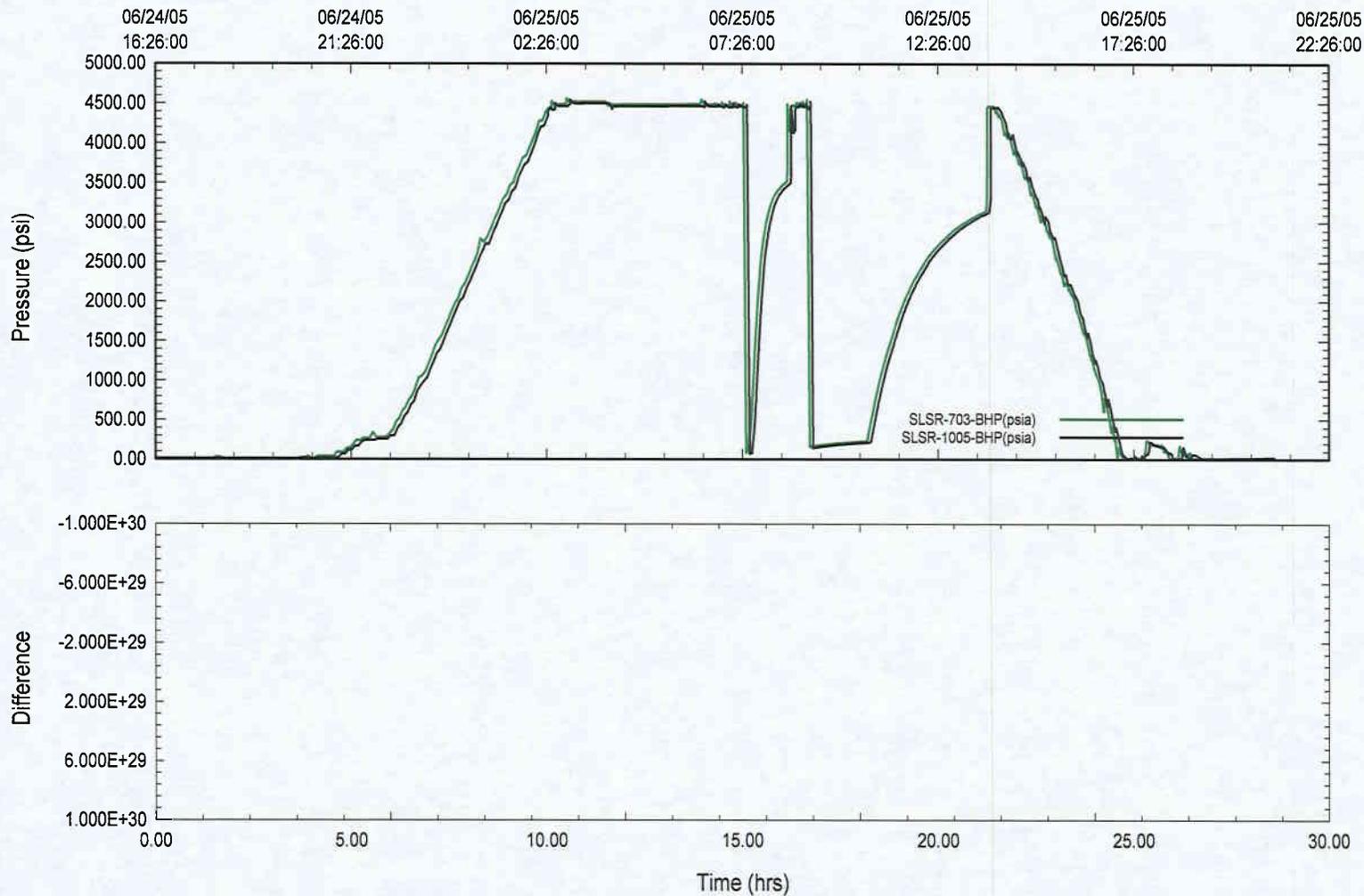
1 Wayne Roberts  
Devon Energy  
20 N. Broadway  
Suite 1500  
Oklahoma City OK 73102-8260

1 Billy Johnson  
Devon Energy  
20 N. Broadway  
Suite 1500  
Oklahoma City OK 73102-8260

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

Sundance 3-14A2  
Blue Bell

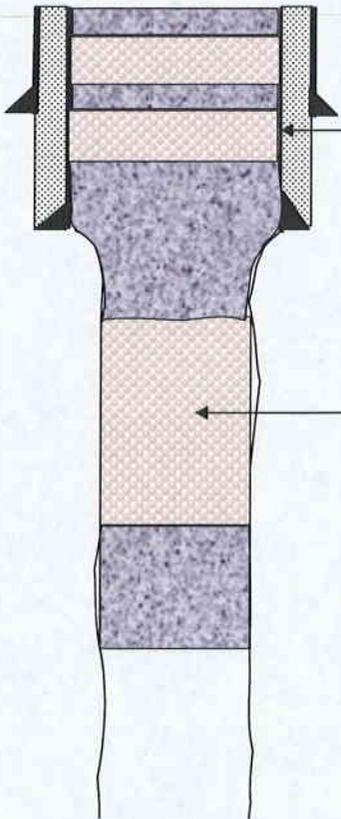
11001142  
25-Jun-05



**DEVON ENERGY CORPORATION  
WELLBORE SCHEMATIC**

WELL NAME: Sundance 3-14A2				FIELD: Bluebell		
LOCATION: 970' FNL & 980' FWL NWNW 14-1S-2W U.S.B.&M				COUNTY: Duchesne, Utah		
ELEVATION: G.S. = 5708' KB= 5722'				SPUD DATE: 05/30/05		COMP DATE: 6/27/05
API #: 43-013-32678		PREPARED BY: Billy Johnson		DATE: 6/28/2005		
SIZE	WEIGHT	GRADE	THREAD	DEPTH	TOC	CEMENT TYPE
8 5/8"	32#	K-55	STC	0 - 3500'	Surface	1557 Sks. 50/50 Poz & Class G

CURRENT       PROPOSED



Cmt. plug set @ 223' w/ 24 sxs of cmt. Top of plug @ Surface.

Cmt. plug set @ 1305' w/ 45 sxs of cmt. Top of plug @ 1155'.  
 (12 1/4 hole size) 8 5/8" Surface Csg. @ 3500' w/ 1557 Sks 50/50 Poz & Class G cmt. to surface.

Cmt. plug set @ 3614' w/ 134 sxs of cmt to top of plug @ 3400'.

Fresh water EZ- Mud System

Cmt. plug set @ 6634' w/ 185 sxs of cmt. Top of plug @ 6238'.

PBTD: Surface  
 TD: 9600'

RECEIVED  
 JUL 05 2005  
 DIV. OF OIL, GAS & MINING

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>Devon Energy Production Company, L. P.</b>		8. WELL NAME and NUMBER: <b>Sundance 3-14A2</b>
3. ADDRESS OF OPERATOR: 20 North Broadway CITY Oklahoma City STATE OK ZIP 73102		9. API NUMBER: <b>013-32678</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>970' FNL &amp; 980' FWL</b>		10. FIELD AND POOL, OR WILDCAT: <b>Bluebell</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NWNW 14 1S 2W U</b>		COUNTY: <b>Duchesne</b>
		STATE: <b>UTAH</b>

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: <b>6/7/2005</b>	<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: <b>Set Surface Casing</b>
	<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.

June 6, 2005 - RUN SURFACE CASING 8.625 J-55 LTC 79-JTS to 3460'  
STG 1: 1,247SX 50/50-POZ, w/ 8%-GEL 10%-CALSEAL .25#/SK FLOCELE  
WEIGHT(lb/gal)-12.5 YIELD(cuft/sk)-1.98  
WATER(gal/sk)-10.5

June 6, 2005 - CEMENTED SURFACE CASING @ 3500' to Surface  
STG 2: 370SX Class "G" w/ 2%-CACL2 .25#/SK-FLOCELE  
WEIGHT(lb/gal)-15.80 YIELD(cuft/sk)-1.15  
WATER(gal/sk)-5.0  
60-BBL CEMENT TO SURFACE

NAME (PLEASE PRINT) <u>Billy Johnson</u>	TITLE <u>Operations Associate</u>
SIGNATURE <u><i>Billy Johnson</i></u>	DATE <u>6/8/2005</u>

(This space for State use only)

**RECEIVED**  
**JUN 10 2005**  
DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

FEE

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

NW 498

8. WELL NAME and NUMBER:

Sundance 3-14A2

9. API NUMBER:

43-013-32678

10. FIELD AND POOL, OR WILDCAT:

Bluebell, Upper Green River

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

Devon Energy Production Company, L. P.

3. ADDRESS OF OPERATOR:

20 North Broadway

CITY

Oklahoma City

STATE

OK

ZIP

73102

PHONE NUMBER:

(405) 552-8125

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 970' FNL & 980' FWL

COUNTY: Duchesne

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

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 checked="" 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:  12/20/2005	<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 type="checkbox"/> OTHER: _____
	<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.

The subject well location has been plugged and abandoned and is ready for inspection.

NAME (PLEASE PRINT) Billy Johnson

TITLE Operations Associate

SIGNATURE

*Billy Johnson*

DATE

2/21/2006

(This space for State use only)

FEB 27 2006