

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.  
30-015-33573

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Esperanza "13" (34231 Property Code)

8. Well Number  
1

9. OGRID Number  
150628

10. Pool name or Wildcat  
Carlsbad; Morrow, South (Pro Gas) 73960

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Pure Resources, L. P.

3. Address of Operator  
500 W. Illinois Midland, Texas 79701

4. Well Location

Unit Letter O : 612 feet from the South line and 2037 feet from the East line  
Section 13 Township 22-S Range 26-E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,152' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water

Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☒

OTHER: Move surface location to comply with City of Carlsbad ☐ OTHER: 1<sup>st</sup> Intermediate Csg. Sundry ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1<sup>st</sup> Intermediate Casing/Cement

On 10/17/20004, RIH w/ 44jts 9-5/8" 36# J-55 casing and set @ 1,950' w/700sx "Interfill C" cmt w/.25 lb/sk Flocele mixed @ 14.12 GPS (Yld: 2.45 ft3/sk, Wt: 11.9 PPG)-Lead, followed by 250sx Premium Plus cmt mixed @ 6.38GPS (Yld: 1.34 ft3/sk, Wt: 14.5 PPG)-Tail. Circulated 283sx to surface. Tested csg to 2000psi. ND, PU BOP. Safety mtg. Set slips, 60K. Cut off 9-5/8". NU "B" section. Tested to 1000psi. Set down BOP & NU. Safety mtg. Tested f/250-3000psi, pipe rams (upper & lower), blind choke manifold, HCR, remote kill line, mudline, TIW, Dart- upper & lower, Kelly cocks, 1500 to 250psi, annular. On 10/19/2004, held safety mtg., RU & PU BHA #3. RD. TIH & tag @ 1,895'. Broke circ. Drld. float equipment & cmt. Drill f/1,950'-2,052' w/40K, 50 RPM (avg. 25.5 FPH) Current operations, drilling ahead.

(SEE ATTACHED WELL HISTORY & CASING/CEMENT DETAILS)

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 10/19/2004

Type or print name Alan W. Bohling E-mail address: abohling@pureresources.com Telephone No. (432) 498-8662

For State Use Only

APPROVED BY: [Signature] FOR RECORDS ONLY DATE OCT 22 2004

Conditions of Approval (if any):

# Pure Resources, Inc.

## Well History

**ESPERANZA "13" #1 - 59.375% WI From 1/1/1920 through 10/19/2004**

Well Name ESPERANZA "13" #1 - 59.375% WI

Lease Well 511561-0001

State: NM County: EDDY

Activity Date 10/12/2004

Type of Report: DRILLING

INITIAL REPORT

Description MIRU NABORS #715.

Times

Hours

Remarks

24.00

MIRU NABORS RIG #715.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$41,378	\$41,378	\$2,503,000	1030631				

Activity Date 10/13/2004

Type of Report: DRILLING

INITIAL REPORT

Description RIGGING UP.

Times

Hours

Remarks

24.00

RIGGING UP.

MIRU NABORS #715. DUG DITCHES, RU CONDUCTOR & FLOWLINE. MIXED SPUD MUD. RU FLOOR, PU BHA. REC'D 450.48' - 10 JTS 13-3/8" 48# H-40 ST&C (TRUCKERS TALLY).

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$32,217	\$73,595	\$2,503,000	1030631	0	0		

Activity Date 10/14/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RUNNING 13-3/8" CSG.

Times

Hours

Remarks

5.50

SAFETY MTG - FINISH RIG-UP.

2.00

PRE-SPUD RIG INSPECTION, SAFETY MTG, CORRECTED ITEMS.

2.25

DRILL F/ 57' - 168' W/ ALL WT, 65 RPM (AVG 49.3 FPH).

0.75

SAFETY MTG - RAN WL SURVEY @ 120' - 1/2 DEG (3 RUNS).

2.50

DRILL F/ 168' - 290' W/ ALL WT, 120 RPM (AVG 48.8 FPH).

0.25

RAN WL SURVEY @ 242' - 3/4 DEG.

5.75

DRILL F/ 290' - 443' W/ ALL WT, 120 RPM (AVG 26.7 FPH).

0.50

CIRC & COND HOLE. DROPPED SURVEY.

2.00

TOOH & LD BHA.

1.25

RU CSG CREW.

0.75

SAFETY MTG. RUN 13-3/8" CSG. REC'D 2004.07' 45 JTS 9-5/8" 36# J-55 (TRUCKERS TALLY). NOTIFIED NMOC (VAN BARTON) 9:15 AM 10/13/04.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$47,485	\$121,080	\$2,503,000	1030631	443	386		

Activity Date 10/15/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG AHEAD.

Times

Hours

Remarks

1.00

SAFETY MTG. RAN 446.07', 10 JTS 13-3/8" 48# H-40 ST&C.

0.50

RU HALLIBURTON, WASHED 2' TO BTM. CIRC CAP CSG.

0.75

CMT W/ 475 SXS. CIRC 100 SXS TO SURFACE.

4.00

WOC. CUT OFF CONDUCTOR PIPE.

2.75

CUT OFF 13-3/8" CSG. WELDED ON 13-5/8" 3K HEAD. TESTED TO 500 PSI.

6.75

NU 13-5/8" 3K X 13-5/8" 10K DSA, 13-5/8" 10K X 13-5/8" 10K SPOOL, 13-5/8" 10K SINGLE RAM, 13-5/8" 10K MUD CROSS, 13-5/8" 10K DOUBLE RAM, 13-5/8" 5K ANNULAR, 13-5/8" ROTATING HEAD, 2-1/16" 10K CHOKE.

0.50

TESTED - BLINDS, CHOKE, KILL LINE, CSG TO 750 PSI.

1.75

PU BHA, TIH. TAG @ 397'.

1.25

DRILL PLUG, FLOAT, CMT TO 419'.

1.00

TESTED ANNULAR, TOP RAMS, BTM RAMS TO 750 PSI.

0.50

DRILL CMT F/ 419' - 443' W/ 50 RPM, 40K.

3.50

DRILL F/ 443' - 490' W/ 50 RPM, 40K (AVG 13.4 FPH). NOTIFIED NMOC 10/14/04 @ 5:15.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$44,699	\$165,779	\$2,503,000	1030631	490	47		

Activity Date 10/16/2004  
Description DRLG.

Type of Report: DRILLING

PROGRESS REPORT

Times	Hours	Remarks
	3.00	DRLG F/ 490' - 540' W/ 50 RPM, 40K (AVG 16.7 FPH).
	6.00	DRLG F/ 540' - 757' W/ 90 RPM, 67K (AVG 36.2 FPH).
	0.50	SERVICE RIG.
	0.25	BOP DRILL. WELL SECURED 1:00. SPR THRU CHOKES.
	4.50	DRLG F/ 757' - 945' W/ 90 RPM, 67K (AVG 41.8 FPH).
	0.50	RAN WL SURVEY @ 897' - 1/2 DEG (2 RUNS).
	9.25	DRLG F/ 945' - 1349' W/ 90 RPM, 67K (AVG 43.7 FPH).

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$15,462	\$181,241	\$2,503,000	1030631	1349	859		

Activity Date 10/17/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RUNNING 9-5/8" CSG.

Times	Hours	Remarks
	1.75	DRILL F/ 1349' - 1439' W/ 90 RPM, 67K (AVG 51.4 FPH).
	0.25	SAFETY MTG. RAN WL SURVEY @ 1391' - 1/4 DEG.
	7.75	DRILL F/ 1439' - 1787' W/ 90 RPM, 67K (AVG 44.9 FPH).
	0.50	SERVICE RIG.
	0.25	BOP DRILL. WELL SECURED - FAILED. SPR THRU CHOKES.
	4.75	DRILL F/ 1787' - 1950' W/ 90 RPM, 67K (AVG 34.3 FPH).
	1.75	DROPPED SURVEY. PREP RIG FLOOR FOR TRIP.
	3.50	TOOH W/ 12 STDS. LD 12-1/4" BHA.
	1.50	RU CSG CREW & P/U MACHINE.
	2.00	RAN 9-5/8" CSG.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$128,883	\$310,124	\$2,503,000	1030631	1950	601		

Activity Date 10/18/2004

Type of Report: DRILLING

PROGRESS REPORT

Description RD TESTERS.

Times	Hours	Remarks
	2.00	W/O 9-5/8" ELEVATORS (FIRST SET FROZE UP).
	2.50	SAFETY MTG. RAN 1954.27', 44 JTS 9-5/8" 36# J-55 CSG WT 75K.
	0.50	RU, WASH TO BTM (NO FILL). CIRC CAPACITY.
	1.50	CMT W/ 700 SXS LEAD, 250 SXS TAIL. CSG WT 60K.
	0.25	TEST CSG 2000 PSI.
	1.75	ND, PU BOP.
	3.50	SM SET SLIPS 60K. CUT OFF 9-5/8". NU "B" SEC. TEST TO 1000 PSI.
	2.50	SET DOWN BOP - NU.
	9.50	SAFETY MTG. TESTED F/ 250 - 3000. PIPE RAMS (UPPER & LOWER), BLIND CHOKE MANIFOLD, HCR, REMOTE KILL LINE, MUDLINE, TIW, DART, UPPER & LOWER, KELLY COCKS. 1500 TO 250; ANNULAR.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$36,181	\$346,305	\$2,503,000	1030631	1950			

Activity Date 10/19/2004

Type of Report: DRILLING

PROGRESS REPORT

Description DRLG.

Times	Hours	Remarks
	3.50	SAFETY MTG. RU & PU BHA #3. RD.
	0.75	TIH & TAG @ 1895'.
	1.25	BROKE CIRC. DRILL FLOAT EQUIPMENT & CMT.
	4.00	DRILL F/ 1950' - 2052' W/ 40K, 50 RPM (AVG 25.5 FPH).
	0.50	SERVICE RIG.
	5.25	DRILL F/ 2052' - 2309' W/ 55K, 70 RPM (AVG 48.9 FPH).
	0.25	BOP DRILL. WELL SECURED 1:05. PUMPED THRU SEPARATOR. CHECK FOR LEAKS.
	3.75	DRILL F/ 2309' - 2455' W/ 55K, 70 RPM (AVG 38.9 FPH).
	1.50	RAN WL SURVEY @ 2407' - 1 DEG (HAD 3 MIS-RUNS).
	3.25	DRILL F/ 2455' - 2587' W/ 55K, 70 RPM. LITHOLOGY: 100% LIME.

Daily Cost	Cum Cost	AFE Amount	AFE #	Current Depth	Ftg Made	Mud Wt.	
\$19,129	\$365,434	\$2,503,000	1030631	2587	637		

