

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 <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: 3rd Intermediate Csg. or Liner 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.

3rd Intermediate Casing or Liner/Cement

On 11/27/20004, RIH w/73jts 4-1/2" 11.6# P-110 liner and set @ 12,297' (TOL @ 9,104.70' - includes 10' tieback sleeve) w/230sx Super "H" cmt. w/.4% Halad 344, .3% CFR-3, 3# salt, .2% Hr-7. Displace w/ 300gal acid, 7% KCL. Held safety mtg. set packer. Reversed out 20 sx to surface. Held safety mtg. Test liner top to 1,500psi. Held safety mtg. Displaced hole w/ 7% KCL. Held safety mtg. POH & laid down drill string. Nipped down & set out BOP. Changed pipe rams. Held safety mtg. NU dry hole flange. Jet & clean pits. Released rig on 11/28/2004 to go to Red Cloud. Current operations, waiting on completion procedure and rig.

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 NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Alan W. Bohling TITLE Regulatory Agent DATE 12/15/2004

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

FOR RECORDS ONLY

APPROVED BY: _____ TITLE _____ DATE JAN 10 2005
Conditions of Approval (if any): _____



Daily Drilling Report

Esperanza 13" #1

Page 1 of 1

Report # 47, DFS 45

Report Date: 11/27/2004 Depth Progress: 0.0

Spud Date 10/13/2004 13:30	KB Elevation (ftKB) 3,150	Ground Elevation (ftKB) 3,125	KB-Ground Distance (ft) 25.00	Plug Back Total Depth (ftKB)
Field Name Carlsbad, South (Morrow)	Lease	Well Type Gas Exploration	Well Configuration Type	County Eddy
Asset Group	Target MD (ftKB) 12,300	Target TVD (ftKB) 11650	Target Formation Morrow	State New Mexico

AFE No. 1030631	Total AFE Amt (\$) 1,562,000
Daily Cost Total (\$) 49,007	Cum. Cost To Date (\$) 1,726,678
Daily Mud Cost (\$) 0	Mud Cum To Date (\$) 86,363
Depth Start (ftKB) 12,297.0	Depth End (ftKB) 12,297.0
Depth Progress (ftKB) 0.0	Drill Time (hrs) 0.00
	ROP (ft/hr) 0.0
Trip Gas	Background Gas
	Connection Gas

Daily Summary

Weather Clear	Road Condition Muddy	Hole Condition Good
Operations at Report Time Waiting on cement head.		
Operations This Report Period Tripped out of hole with drill string. Ran liner. Circulated off gas. Waited on replacement cement head.		
Operations Next Report Period Set liner. Cement, set and test packer. Lay down drill string. Nipple down.		

Ops Supervisors

Comp	Name	Title	Rig Phone	Mobile Phone	Office
TARPLEY	TARPLEY, MIKE	DRL SITE MNGR	432-684-7651	556-2227	267-7597

Time Log

Start Date	End Time	Dur (hrs)	Sum Dur (hrs)	Depth Start (ftKB)	Depth End (ftKB)	Activity Com
02:15	04:00	1.75	1.75	12,297	12,297	Safety meeting. Dropped 1.5" ball. Attempted to hang liner. Cement head would not hold 1,200psi.
06:00	07:15	1.25	3.00	12,297	12,297	Safety meeting. Circulated sweep, conditioned hole.
07:15	07:30	0.25	3.25	12,297	12,297	Safety meeting. Pumped slug. Prepared floor. Dropped 2" rabbit.
07:30	12:00	4.50	7.75	12,297	12,297	Safety meeting. Tripped out of hole, to run liner
12:00	13:45	1.75	9.50	12,297	12,297	Safety meeting. Rigged up: casing crew, pick-up machine.
13:45	16:00	2.25	11.75	12,297	12,297	Ran: 3,158.55' 73jnt 4-1/2" P-110 11.6# LT&C. Set at 12,297'. Top tie back sleeve 12,104.70'.
16:00	16:45	0.75	12.50	12,297	12,297	Safety meeting. Picked-up Hylo II liner hanger, ZXP liner packer, 10' tieback sleeve. Rigged down casing crew.
16:45	22:45	6.00	18.50	12,297	12,297	Safety meeting. Tripped in hole w/ liner on drillpipe.
22:45	02:15	3.50	22.00	12,297	12,297	Safety meeting. Rigged up cement head. Circulated off gas @ 750psi, 122gpm.
04:00	06:00	2.00	24.00	12,297	12,297	Waited on cement head. Can not circulate. Ball on seat w/ liner 17' off bottom.

Pump Operations

Start Date	End Date	Pwr (hp)	Action	Liner (in)	Stroke (in)	V/Stk (bbl/stk)	Max Press (psi)	Make	Model	Pmp #
10/11/2004 06:00		900.0	Triplex	6	10.12	0.083	2,800.0	Gardner-Denver	PZ-10	1
10/13/2004 15:30		900.0	Triplex	6	10.12	0.083	2,800.0	Gardner-Denver	PZ-10	2

Casing

Des	Max OD (in)	Btm (ftKB)	Planned
Surface	13 3/8	443	
Intermediate	9 5/8	1,950	
Production	7	9,350	
Liner	4 1/2	12,297	Yes

Directional Surveys: Surveys

Description Surveys	Survey Company Gyrodatta Services Canada Inc.
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Daily Costs

Description	Cost
Rig Monitoring Equipment	78
Living Quarters (incl sewer, water, toilets, etc)	90
3.5" Drill Pipe (incl handling tools, subs, etc.)	1050
Frac Water	7250
Casing Crews & Tools - Other	1833
Fresh Water	2389
4.5" Casing	36317

POB

Comp	Type	TU Hours	Head Count
BAKER OIL TOOLS	Contractor	20	1
Halliburton Energy Services-Baroid	Contractor	1	1
HALLIBURTON ENERGY SVS INC	Contractor	60	4
R & S TONG SERVICE, INC.	Contractor	54	6

Rigs: Nabors Drilling Ltd., 715

Contractor Nabors Drilling Ltd.	Rig Number 715	Rig Type
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Formations

Name	Top (ftKB)	Lithology Des
Morrow	12,297	90% Shale. 10% Sand

Daily Drilling Report										Page 1 of 1	
Esperanza '13' #1										Report #: 48, DFS 46	
Report Date: 11/28/2004 Depth Progress: 0.0											
Spud Date 10/13/2004 13:30		KB Elevation (ftKB) 3,150		Ground Elevation (ftKB) 3,125		KB-Ground Distance (ft) 25.00		Plug Back Total Depth (ftKB) 12,248		AFE No. 1030631	
Field Name Carlsbad, South (Morrow)		Lease		Well Type Gas Exploration		Well Configuration Type Deviated		County Eddy		State New Mexico	
Asset Group New Mexico		Target MD (ftKB) 12,300		Target TVD (ftKB) 11650		Target Formation Morrow				Total AFE Amt (\$) 1,562,000	
										Daily Cost Total (\$) 53,850	
										Cum. Cost To Date (\$) 1,792,148	
										Daily Mud Cost (\$) 0	
										Mud Cum To Date (\$) 86,363	
										Depth Start (ftKB) 12,297.0	
										Depth End (ftKB) 12,297.0	
										Depth Progress (ftKB) 0.0	
										Drill Time (hrs) 0.00	
										ROP (ft/hr) 0.0	
										Trip Gas	
										Background Gas	
										Connection Gas	
Daily Summary											
Weather Clear		Road Condition Muddy				Hole Condition Cased					
Operations at Report Time Rig down rental equipment											
Operations This Report Period Cemented liner. Displaced w/ 7% KCL. Layed down drill string. Nipped down BOP.											
Operations Next Report Period Load out rental equipment. Rig down. Rig rel @ 6:00hr 11/28/04											
Ops Supervisors											
Comp		Name		Title		Rig Phone		Mobile Phone		Office	
TARPLEY		TARPLEY, MIKE		DRL SITE MNGR		432-664-7651		556-2227		267-7597	
Time Log											
Start Date	End Time	Dur (hrs)	Sum Dur (hrs)	Depth Start (ftKB)	Depth End (ftKB)	Activity Com					
06:00	06:30	0.50	0.50	12,297	12,297	Safety meeting. Set liner hanger.					
06:30	07:15	0.75	1.25	12,297	12,297	Safety meeting. Cement w/ 230sx. Displace w/ 300gal Acid, 7% KCL					
07:15	08:00	0.75	2.00	12,297	12,297	Safety meeting. Set packer. Reversed out 20sx to surface.					
08:00	08:30	0.50	2.50	12,297	12,297	Safety meeting. Tested liner top to 1,500psi.					
08:30	10:15	1.75	4.25	12,297	12,297	Safety meeting. Displaced hole w/ 7% KCL.					
10:15	22:00	11.75	16.00	12,297	12,297	Safety meeting. Layed down drill string.					
22:00	03:30	5.50	21.50	12,297	12,297	Safety meeting. Nipped down set out BOP. Changed pipe rams.					
03:30	06:00	2.50	24.00	12,297	12,297	Safety meeting. Nipped up dry hole flange. Jet and clean pits.					
Pump Operations											
Start Date	End Date	Pwr (hp)	Action	Liner (in)	Stroke (in)	V/Stk (bbl/stk)	Max Press (psi)	Make	Model	Pmp #	
10/11/2004	06:00	900.0	Triplex	6	10.12	0.083	2,800.0	Gardner-Denver	PZ-10	1	
10/13/2004	15:30	900.0	Triplex	6	10.12	0.083	2,800.0	Gardner-Denver	PZ-10	2	
Casing											
Des				Max OD (in)		Blm (ftKB)		Planned			
Surface				13 3/8		443					
Intermediate				9 5/8		1,950					
Production				7		9,350					
Liner				4 1/2		12,297		Yes			
Directional Surveys: Surveys											
Description Surveys								Survey Company Gyrodats Services Canada Inc.			
Comments											
Comment RIG RELEASED 6:00hr, 11/28/04. IF WEATHER PERMITS WILL MOVE TO RED CLOUD "B" #1 11/30/04											
Daily Costs											
Description										Cost	
Roustabout										2460	
Cementing - Primary										13551	
Liner Equipment										5813	
Liner Hanger - Other										22301	
Lay-Down Machine - Drilling										4320	
Nipple-up Crews (incl. crews, trucks, lifts & tstg)										5405	
POB											
Comp	Type	TU Hours	Head Count								
BAKER OIL TOOLS	Contractor	11	1								
CALLAWAY SAFETY EQUIP CO INC	Contractor	2	1								
GARLAND PUMPING & ROUSTABOUT	Contractor	32	4								
HALLIBURTON ENERGY SVS INC	Contractor	16	4								
MONAHAN'S NIPPLE-UP SERVICE	Contractor	84	6								
R & S TONG SERVICE, INC.	Contractor	26	2								
Swaco	Contractor	3	11								
Rigs: Nabors Drilling Ltd., 715											
Contractor		Rig Number		Rig Type							
Nabors Drilling Ltd.		715									
Formations											
Name	Top (ftKB)	Lithology Des									
Morrow	12,297	90% Shale, 10% Sand									