

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-12510
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

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	7. Lease Name or Unit Agreement Name N. HOBBS (G/SA) UNIT
2. Name of Operator ALTURA ENERGY LTD.	8. Well No. 321
3. Address of Operator P.O. BOX 4294 HOUSTON TX. 77210-4294	9. Pool name or Wildcat HOBBS (G/SA)
4. Well Location Unit Letter: G : 2310 Feet From The NORTH Line and 2310 Feet From The EAST Line Section 34 Township 18-S Range 38-E NMPM LEA N.M. County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3635' GR	

11. 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 ☐
OTHER: ☐

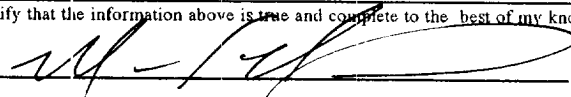
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. 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.

- 1) MIRU PULLING UNIT, POOH W/ 127 JTS 2-7/8" TBG & SUMMERGIBLE PUMP
- 2) RIH W/ 6-5/8" CIBP ON TBG, SET @4000', CAP W/ 25 SX CMT.
- 3) PUH W/ TBG TO 2700' SPOT 25 SX CMT.
- 4) PERF 4 HOLES @ 1800', SET CIGR @ 1700', SQZ, 35 SX CMT UNDER RET, CAP W/ 25 SX CMT
- 5) PUH W/ TBG TO 326' SPOT 25 SX CMT.
- 6) PUH W/ TBG TO 50' SPOT 25 SX CMT.
- 7) INSTALL DRY HOLE MARKER.

hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE  TITLE **P&A SUPERVISOR** DATE **10-21-97**

OR PRINT NAME **MARC L. NEATHERLIN**

TELEPHONE NO. **505-392-6969**

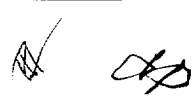
cc for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

OCT 21 1997

BY _____ TITLE _____ DATE _____

3 OF APPROVAL, IF ANY:



FROM: PRODUCTION ENGINEERING, WESTERN DIVISION

TO: STAFF AND OPERATING PERSONNEL, N.MEX PRODUCTION UNIT

PROJECT ENGINEER: J.M. UNDERWOOD
OFFICE PHONE: (713) 870-2868
HOME PHONE: (713) 880-4777

SUBJECT/LOCATION: NORTH HOBBS UNIT 34-321

Hobbs Field
Lea County, New Mexico
2310' FNL & 2310' FEL, Sec. 34
T-18-S, R-38-E

OBJECTIVE: Acidize openhole interval

PRESENT STATUS: Pumping 29 BOPD + 470 BWPD + 107 MCFPD with a
640-305-144 pumping unit (pumped off).

<u>AFE DATA:</u>	<u>W.O. No.</u>	<u>Appropriated Funds</u>
	(R&R)	\$15,000 (\$3,000 SS)

WELL INFORMATION: TD: 4220'
PBD: 4206' (junk)
ELEV: 3629' (GL)
ZERO: 3635' (KB)

Est. SIBHP = 800 psi
Est. BHT = 100 F
Max. expected SITP = 800 psi

PERFORATIONS:

<u>FORMATIONS</u>	<u>DEPTHS</u>	<u>STATUS</u>
Grayburg and San Andres	4065-4206 (openhole)	OPEN

CASING DETAIL:

Size (in)	Wt., Grade (lb/ft)	Depth (ft)	Cmt. (sx)	TOC (ft)	Drift (in.)	Burst (psi)	Collapse (psi)
12 1/2	50#, NA	276	150	SURF	-----	----	----
8 5/8	32#, K-55*	1677	250	SURF	7.796	3930	2530
6 5/8	24#, K-55*	4065	250	3020**	5.796	5110	4560

* assumed ** CBL

MINERAL PRODUCTION CORP. (COMPANY)		LEASE <u>Turner</u>		Well No. <u>1</u>
WEEKLY DRILLING REPORT		SURVEY <u>34</u>	Sec. <u>34</u>	T. <u>183</u> R. <u>383</u>
From <u>3-16</u> To <u>3-22</u> 19 <u>35</u>		LOCATION <u>330' out of SW cor Lsg</u>		
		STATE <u>NEW MEX</u> Parish <u></u> Co. <u>Loa</u>		
		DISTRICT <u>Hobbs</u>		

CASING RECORD

SIZE (OD)	WEIGHT	THREADS	LAP. OR SEAMLESS	SET OR CEMENTED	DEPTH	TOP IF LINER	NEW SH.	REMARKS NO. SACKS	CEM.	ETC.
<u>12</u>	<u>50</u>	<u>8</u>	<u>SS</u>	<u>COM</u>	<u>276</u>		<u>SH</u>	<u>150</u>		<u>Sacks</u>
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>SS</u>	<u>COM</u>	<u>1677</u>		<u>SH</u>	<u>250</u>		<u>Sacks</u>

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
3-16	TD	284	R. B.	24 hrs W O C
3-17	TD	284	R. B.	24 hrs W O C
3-18	284	1145	Red Beds w/hrd stks	Drilled plug and made bailing test of W.S.O. Well stood dry 5 hrs. Test approved by State O & G Inspector. Deflection at 750' 0 degrees.
3-19	1145	1390	Red Beds	Deflection at 1300' - 0 degrees
	1390	1430	Shale w/stks sand	
	1430	1587	Brown shale & Hrd stks	
3-20	1587	1635	Brown shale & hrd stks	Defl. at 1677 - 0 degree
	1635	1655	Anhy. w/stks shale	Top anhy. at 1635
			& gypsum.	Run 63 jts. 8-5/8" OD SS steel &
	1655	1675	Anhy	Hard 32 lb SH casing Baker cement
	1675	1677	S. L. Moss.	Float shoe on bottom. Cemented at 1677 w/250 sacks El Toro cem.
				20' cement left in pipe. Plug down at 5 PM. 1661' of csg. to be left in hole. 5 hrs W O C.
3-21	TD	1677	Anhy.	24 hrs. W O C
3-22	TD	1677	"	24 Hrs W O C

CORRECT R G Schuchlo
EXPLOITATION ENGINEER

APPROVED _____
SUPERINTENDENT

HALL PETROLEUM CORP.

(COMPANY)

WEEKLY DRILLING REPORT

From 3-23 To 3-29 1935

Turnor
 LEASE 107. 8635 34 Well No. 38
 SURVEY 330' out of Sec. 10 R.
 LOCATION 107 34
 STATE HOW EX Parish Co. LOU
 DISTRICT Hobbs

CASING RECORD

SIZE (OD)	WEIGHT	THREADS	LAP. OR SEAMLESS	SET OR CEMENTED	DEPTH	TOP IF LINER	REMARKS	CE/A	ETC.
12 1/2	50	8	W	Com	276		SH 100	Sacks	
8-5/8	32	8	SS	Com	1677		SH 250	"	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
3-23	TD	1677	Anhy.	Tested osg. & wellhead connect. w/600/ press. Test O. K. Drilled plug & tested WSO w/900/ press. Retained press for 15 min. Test approved by State Inspector.
3-24	1675	1750	Anhy.	
	1750	1890	Anhy. w/stks salt	Top salt 1750
	1890	1950	Salt w/stks anhy.	
3-25	1950	2009	Anhy.	
	2009	2250	Salt w/stks anhy.	Defl. survey at 2256 - 0 degree
	2250	2256	S. L. Correction	
	2256	2671	Salt w/stks anhy.	
3-26	2671	2855	Anhy. w/stks shalo	Defl. at 2700' - 1 degree
	2855	2898	Anhy.	
3-27	2898	3059	Anhydrite.	
3-28	3059	3248	Anhydrite	Deflection at 3150' - 0 degree
3-29	3248	3317	Anhydrite	
	3317	3324	Sand showing sweet oil - one of members of Bowers sand Group.	
	3324	3404	Anhydrite.	

CORRECT

R. G. Schuchlo

EXPLOITATION ENGINEER

APPROVED K. L. SAPPINGTON

SUPERINTENDENT

SHIELD PETROLEUM CORP.

(COMPANY)

WEEKLY DRILLING REPORT

From 3-30 To 4-5 1935

LEASE B H Turner

SURVEY 10v. 3655

LOCATION 330' out of SW cor 130

STATE LOW MOX

DISTRICT Hobbs

Well No. 1

T. 183 R. 387

Sec. 34

Co. Lea

CASING RECORD

SIZE (OD)	WEIGHT	THREADS	LAP. OR SEAMLESS	SET OR CEMENTED	DEPTH	TOP IF LINER	REMARKS
12	30	8	SS	Cem	276		NEW SH. NO. SACKS CEM. ETC.
8-5/8	32	8	SS	Cem	1677		SH 150 " 1 Toro
6-5/8	24	10	SS	Cem	4065		SH 250 " 1 Toro
							How 250 " 1 Toro

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
3-30	3404	3465	Anhydrite	
	3465	3574	Anhy. w/stks shale	
	3574	3554	Anhy.	
3-31	3554	3704	Anhy.	Checked TD at 3604 w/s L - O K Deflection 3500 - 00
4-1	3704	3826	Anhy.	
4-2	3826	3840	Anhy.	
	3840	3846	Sand	
	3846	3948	Anhy.	
	3948	3964	Anhy. w/stks lime	
4-3	3964	4015	Anhy. w/stks calcareous sand & Anhy. Lime	Checked TD w/SL - OK Deflection at 4065 - 00
	4015	4065	Sandy Lime	Base Anhy. - 4015
4-4 TD	4065	4065	Sandy Lime	Ran 132 Jts of 6-5/8 CD 24" 10 thrd X J & L casing cemented at 4065 w/250 sax 1 Toro cement. Baker cement guide shoe on bottom Baker cement float collar on top of first Jt. 30' cement left in casing. 1 1/2 tons of aquagel pumped ahead of cement. Plug down at 5 PM 7 hrs. W. O. C. Because of small clearance between collars on 6-5/8 casing & 7-3/4" hole excessive pressure was developed in pumping cement down hole & displacing same. Compounded pumps were required Haliburton cementing hose was burst by the press. developed.
4-5	TD	4065	Lime	24 hrs. W. O. C.

*7 3/4" open hole
 to 4065*

 CORRECT T. A. Schuchling
 EXPLOITATION ENGINEER

 APPROVED K. L. SAPPINGTON
 SUPERINTENDENT



HILL OIL COMPANY

(COMPANY)

WEEKLY DRILLING REPORT

From 4-6 To 4-12 19 35

LEASE B H Turner

Well No. 1

SURVEY Elev. 3655

Sec. 34

T. 18S

R. 38E

LOCATION 330' out of SW Cor 138

STATE New Mex

Parish

Co.

Loc

DISTRICT Hobbs

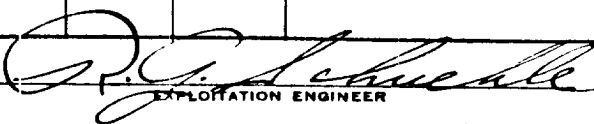
CASING RECORD

SIZE (oc)	WEIGHT	THREADS	LAP OR SEAMLESS	SET OR CEMENTED	DEPTH	TOP IF LINER	NEW-SH.	NO. BACKS	CEM.	ETC.
12"	50	8	LW	CON	276		SH	150	Sacks	
8-5/8	32	8	SS	CON	1677		SH	250	Sacks	
6-5/8	24	10	SS	CON	4065		SH	250	"	

WELL DATA

DATE	DEPTH		FORMATION (FROM SAMPLES)	REMARKS
	FROM	TO		
4-6	TD	4065	Sandy Lime	24 hrs WOC
4-7	TD	4065	Sandy Lime	24 hrs WOC
4-8	4065	4080	Grey sandy lime	Drilg plug & Tested w S O for 20
	4080	4090	Lt grey crystal Ls	min. w/1000' press. Test approved
	4090	4097	Grey Sandy Ls.	
	4097	4112	White crystalline Ls w/small strks sandy Ls.	
	4112	4116	Lt. grey highly calcareous sand.	
	4116	4118	Lt. tan crystalline Ls w/stks grey slightly sandy crystalline Ls.	
	4118	4130	Light tan highly calcareous sand w/strks sandy Ls.	
	4130	4141	Lt. tan & grey crystalline Ls. w/strks gry sandy Ls.	
4-9	4141	4142	Lt. tan & grey crystalline Ls. w/strks grey sandy Ls.	
	4142	4150	Lt. Grey & white crystalline Ls.	Insoluble deter. Top White Lime 4142'
	4150	4160	Wh crystalline Ls w/stks oil staining.	
	4160	4162	White crystalline Ls. stained tan w/oil	
	4162	4170	Wh crystalline Ls. stained Lt brown w/oil	
	4170	4187	White crystalline Ls. stained brown w/oil	
	4187	4190	White crystalline Ls.	
	4190	4208	White crystalline Ls. stained light brown w/oil.	
	4208	4210	Wh crystalline Ls.	
	4210	4220	Wh crystalline Ls. stained light brown w/oil.	
			Pay zone - 4160-4220	
			Main Pay 4170-4187	
			Checked TD w/S.L. depth correct.	
			Ran Schlumberger from 4065-to 4220.	
4-10	TD	4220	Lime	Ran 138 jts. 3" upsett 10 thread 9.30" SS New tbg. swung at 4214. Connected up well head & began to swab. Swabbed 4 hrs. Fluid level lowered to 2600' in three hrs. Level rose to 2000' in 1 hr. showing some gas.

CORRECT



EXPLOITATION ENGINEER

APPROVED

K. L. SAPPINGTON

SUPERINTENDENT

