

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. 30-025-07573
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 N. HOBBS (G/SA) UNIT
8. Well No. 421
9. Pool name or Wildcat HOBBS (G/SA)

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. Name of Operator ALTURA ENERGY LTD.	
3. Address of Operator P.O. BOX 4294 HOUSTON, TEXAS 77210-4294	
4. Well Location Unit Letter H : 2485 Feet From The NORTH Line and 1184 Feet From The EAST Line Section 34 Township 18-S Range 38-E NMPM LEA NM County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3630' 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 & L/D ALL RODS & PUMP.
- 2) NUBOP POOH W/ 139 JTS OF 2-3/8" TBG.
- 3) RIH W/4-1/2" CIBP ON TBG SET @ 4130', CAP W/25 SXS.
- 4) CIRC HOLE W/9.5# 32 VIS MLB.
- 5) PUH W/TBG 2900', SPOT 25 SXS CMT.
- 6) PERF 4 HOLES 1750', SET CIRC @ 1650', SQZ 30 SXS UNDER RETAINER, CAP W/25 SXS.
- 7) PERF 4 HOLES 422', CIRC 60 SXS CMT 422'-SURF, UP 4-1/2" X 8-5/8" ANNULUS.
- 8) INSTALL DRY HOLE MARKER.

**** NOTIFY OCD 24 HRS BEFORE RIGGING UP****

I 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**

TYPE OR PRINT NAME **MARC L. NEATHERLIN** TELEPHONE NO. **505-392-6969**

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE **OCT 21 1997**

CONDITIONS OF APPROVAL, IF ANY:

JCT





BEAM ACTIVITY REPORT

DATE 6-7-95

FAILURE CODE _____

TBG/CSG 2 3/8
 RODS GUIDES (Y)
 1" _____
 7/8" 54
 3/4" 115
 PMP/TYPE 2X 1 1/2 X 2
 SPM/SL _____
 TBG ANC _____

PROBLEM _____
 ACTION _____

 REC. PUMP SIZE CHANGE

 REC. ROD TAPER CHANGE
 1" _____ 7/8" _____ 3/4" _____

WELL # 34-421 BATT _____
 BOPD _____ PEFF _____
 BOPD _____ PHRS _____
 MCF _____ CO2 % _____
 DATE/TIME _____
 OFF _____ ON _____
 LAST PMP CHG _____
 HISTORY _____

RODS

- ☒ 3/4"
- ☒ 7/8"
- ☐ 1"
- ☐ BOX
- ☐ PIN
- ☐ BODY
- ☐ P.R.
- ☐ LINER
- ☐ SHEAR TOOL
- ☐ _____

REPLACED NEW/USED (CIRCLE)

- ☐ 3/4" RODS ☒ BOXES 5
- ☐ 7/8" RODS ☐ BOXES _____
- ☐ 1" RODS ☐ BOXES _____
- ☐ INSTALLED ROD GUIDES
- _____ 1" _____ 7/8" 5 3/4"

OTHER WORK PERFORMED

- ☐ AT, _____ GALS _____ %
- ☐ OPEN ADDITIONAL PAY
- ☐ CLEAN OUT TO TD
- ☐ CLEAN OUT BRIDGE _____ DPTH
- ☐ DEEPEN _____ FEET
- ☐ SCALE CHEM _____ DRUMS _____ TYPE
- ☐ BRINE _____ BBLS
- ☐ HOT OIL (TBG-CSG)
- ☐ WATER SHUT OFF
- ☐ GAS SHUT OFF
- ☐ CEMENT SQZ _____ DPTH
- ☐ CSG LEAK _____ DPTH
- ☐ CSG COLLAPSED _____ DPTH
- ☐ BHBP FOR TEST
- ☐ TEMP ABANDON

PUMP

- ☒ PUMP CHANGED (SAME SIZE)
- ☐ PUMP SIZE CHG _____
- ☐ PUMP STICKING
- ☐ PUMP CORROSION
- ☐ PUMP MECHANICAL
- ☐ PUMP UNSEATED

* PLEASE COMPLETE ON ALL WELLS *

DEGREE OF: (CIRCLE ONE)
 SCALE NONE MLD SEVERE
 COR NONE MLD SEVERE
 PARFN NONE MLD SEVERE

TBG

- ☐ DROP S.V. TEST TBG TO _____ PSI
- ☐ HYDRO-TESTED _____ JTS
- ☐ TBG-SPLIT OR WORN
- ☐ TBG-HOLE (CORROSION)
- ☐ TBG-PARTED
- ☐ TBG-OTHER
- ☐ TBG-CHANGED OUT ALL (NEW/USED-COLOR)
- ☐ TBG-CHANGED OUT BELOW TBG ANC (NEW/USED)
- ☐ TBG ANCHOR FAILURE
- ☐ CHANGED SIZE TO _____

PROD. UNIT NH4
 LEASE 34-421
 CONTRACTOR P001
 RIG # 495
 HOURS 12
 JOB TYPE _____
 COST 1200.00
 EQDEPTH _____
 FLDEPTH _____

REMARKS MIRY POH WITH RODS AND PUMP WITH PUMP CHECKING EVERY BRANCH
CHANGED OUT 5 3/4 ROD BOXES WITH WITH MOST OF RODS. HANG WELL BE
CHECKED PUMP ACTION TEST OK. RDP4.

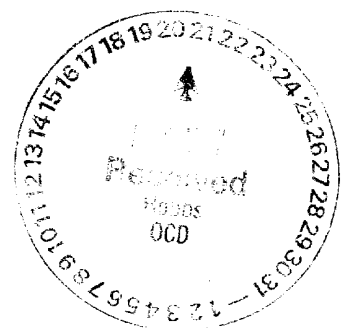
* ROD TAPER CHANGE 1" 54 7/8" 54 3/4" 115

WHITE COPY-FOREMAN COPY
 GREEN COPY-COPY TO CAO

YELLOW COPY-COPY TO CAD
 PINK COPY-EXTRA

GOLDENROD COPY-TO PUMP SPEC.

SWEP-0744
 B0589022.104 01/90



PROGNOSIS
NORTH HOBBS UNIT 34-421
(MORAN HOBBS NO. 1)
HOBBS FIELD
LEA COUNTY, NEW MEXICO

S.S. 27.7781%

OPERATION: OAP (Grayburg), AT, and run CBL

LOCATION: 2485' FNL & 1184' FEL, Sec. 34, T-18S, R-38E

WELL DATA: TD: 4303' PBD: 4264' ZERO: 3630' (11' above GL)

CASING: 8 5/8", 24#, @ 372' w/250 sx
4 1/2", 11.6#, @ 4303' w/500 sx, TOC @ 2620' (TS)

COLLARS: NA

PERFORATIONS: 4236-40, 48-50'- (4 SPF)

STATUS: Pumping 0 BO + 1 BWPD (9/82)

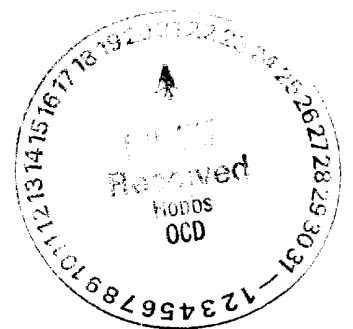
RECOMMENDED PROCEDURE:

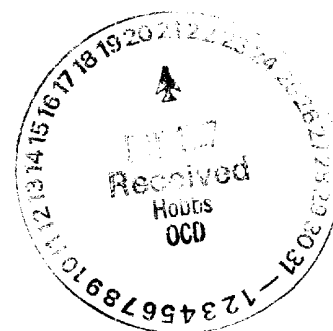
1. Check for overhead power lines.
2. RUPU. Pull production equipment (tag bottom and tally tbgs out of hole).
3. TIH w/3 3/4" bit and csg. scraper (4 1/2", 11.6#). CO to PBD ($\pm 4264'$). TOH.
4. TIH w/RBP and set @ $\pm 4215'$. Load hole w/1% KCl water and press. test csg. to 500 psi. POH.
5. Run a CBL/VDL/GR/CCL from RBP to surf. under 500 psi surf. press. (Note: Correlate to Lane Wells GR log dated 12/23/61 to get on depth.) Retrieve RBP and TOH.
6. Perforate the following intervals:

4250-57'
4226-30'
4216-20'
4207-11'

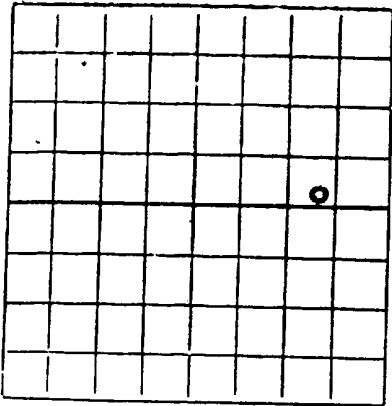
Using a hollow carrier csg. gun w/CCL (use collars from CBL), 2 JSPF, 120° phasing, and centralized. (23' perfs, 46 holes).

7. TIH w/pkr to $\pm 4150'$ and circulate 15% HCl-NEA to bottom and set pkr. Acidize perfs w/85 bbl 15% HCl-NEA using graded RS and RCNBS for block as follows:
 - a. Pump 5 bbl acid.
 - b. Pump 200# graded RS in gelled acid.
 - c. Pump 5 bbl acid.
 - d. Pump 75 bbl acid dropping 1 ball for every bbl pumped.
 - e. Flush to formation. Knock balls off perfs and TOH.





NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



34-421

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

Moran Oil Producing & Drilling Corporation
(Company or Operator)

Hobbs

Well No. 1, in SE $\frac{1}{4}$ of NE $\frac{1}{4}$, of Sec. 34, T. 18, R. 38, NMPM.
Hobbs Pool, Lea County.

Well is 2485 feet from North line and 1184 feet from East line
of Section 34. If State Land the Oil and Gas Lease No. is FEE

Drilling Commenced 11-29-61, 19... Drilling was Completed 12-26-62, 19...

Name of Drilling Contractor Blue Pacific Drilling Company

Address Midland, Texas

Elevation above sea level at Top of Tubing Head 3630 D F. The information given is to be kept confidential until
..., 19...

OIL SANDS OR ZONES

No. 1, from 4236 to 4250 No. 4, from ... to ...
No. 2, from ... to ... No. 5, from ... to ...
No. 3, from ... to ... No. 6, from ... to ...

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from ... to ... feet.
No. 2, from ... to ... feet.
No. 3, from ... to ... feet.
No. 4, from ... to ... feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	New	368	Reg			
4 1/2	11.60	New	4303	Float		4236-40 ; 4648-50	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/4	8 5/8	368	250	Plug		
7 7/8	4 1/2	4303	500	Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

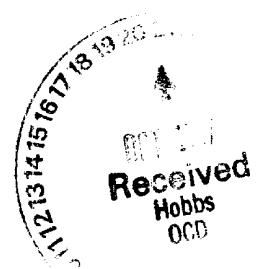
Acid 1000 gals. Acetic Acid

Acid 1000 gals. Dowell XW Acid

Frac w/40,000 gals. R.O. & 72.500# 4500-5000 PSI @ 15.9 BPM

Result of Production Stimulation Flow 45 BOPD 22/64

Depth Cleaned Out 4164



RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special test or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4303 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 1-10-62, 19.

OIL WELL: The production during the first 24 hours was 43 barrels of liquid of which 100% was oil; None% was emulsion; % water; and % was sediment. A.P.I. Gravity 34

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1695	T. Devonian.	T. Ojo Alamo.
T. Salt 1790	T. Silurian.	T. Kirtland-Fruitland.
B. Salt	T. Montoya.	T. Farmington.
T. Yates 2855	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen 3645	T. Ellenburger.	T. Point Lookout.
T. Grayburg 4010	T. Gr. Wash.	T. Mancos.
T. San Andres 4270	T. Granite.	T. Dakota.
T. Glorieta.	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo.	T.	T.
T. Penn.	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	180	180	Caliche, surface sands				
180	1695	1515	Red Bed				
1695	1790	90	Anhydrite				
1790	2790	1000	Salt w/Anhydrite stringers				
2790	4010	1220	Anhydrite w/dolomite and sand stringers				
4010	4270	160	Dolomite w/sand stringers				
4270	4303	33	Tan Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

1-22-62 (Date)

Company or Operator. Moran Oil Prod. & Drig. Corp. Address. Box 1718, Hobbs, N. M.
Name. R. M. Moran Position or Title. Operator



34-421

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PROBATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Moran Oil Prod. & Drlg. Corp.				Address P. O. Box 1718, Hobbs, New Mexico			
Well No.	Unit Letter	Section	Township	Range			
1	H	36	18	38			
Date Work Performed 12-30-61		Pool Hobbs		County Lea			

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input checked="" type="checkbox"/> Casing Test and Cement Job	<input type="checkbox"/> Other (Explain):
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	

Detailed account of work done, nature and quantity of materials used, and results obtained.

On 12-27-61 New 4 1/2 11.60# J-55 Casing was set at 4303 and cemented W/500 sx 1:1 Dia-Mix followed by 150 gal. latex 1:1 cement. On 12-30-61 the casing was tested W/4500 Psi for 30 minutes. A Lane Wells Cement Top Log indicated the top of cement at 2620'.

Witnessed by K. D. McPeters	Position Engineer	Company Moran Oil Prod. & Drlg. Corp.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter		Tubing Depth	Oil String Diameter	Oil String Depth
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
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Approved by	Name R. M. Moran
Title	Position Operator
Date	Company Moran Oil Producing & Drilling Corp.

