

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

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

WELL API NO.
30-025-34372

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name North Hobbs G/SA Unit
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		
2. Name of Operator Altura Energy LTD		8. Well No. 523
3. Address of Operator P.O. Box 4294, Houston, TX 77210-4294		9. Pool name or Wildcat Hobbs; Grayburg - San Andres

4. Well Location Unit Letter <u>F</u> : <u>2000</u> Feet From The <u>North</u> Line and <u>2450</u> Feet From The <u>West</u> Line Section <u>33</u> Township <u>18-S</u> Range <u>38-E</u> NMPM Lea County					
10. Date Spudded 7/3/98	11. Date T.D. Reached 7/9/98	12. Date Compl. (Ready to Prod.) 7/21/98	13. Elevations (DF & RKB, RT, GR, etc.) 3642' GL	14. Elev. Casinghead	
15. Total Depth 4406'	16. Plug Back T.D. 4376'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 4406'	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 4095' - 4268'; Grayburg - San Andres				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CN/NGS BCS, NGR				22. Was Well Cored No	

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14	Conductor	40	18	50 sx.	
8-5/8	24	1560	12-1/4	800 sx.	
5-1/2	15.5	4406	7-7/8	1000 sx.	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	3974	

26. Perforation record (interval, size, and number) 4095' - 4268' (0.420 in.)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	4095 - 4268	231 Bbls. 15% HCL

PRODUCTION

28. Date First Production 7/23/98		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - ESP				Well Status (Prod. or Shut-in) Producing	
Date of Test 8/2/98	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 130	Gas - MCF 48	Water - Bbl. 2986	Gas - Oil Ratio 369
Flow Tubing Press. 50	Casing Pressure 25	Calculated 24-Hour Rate	Oil - Bbl. 130	Gas - MCF 48	Water - Bbl. 2986	Oil Gravity - API - (Corr.) 32	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By Billy Harris
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30. List Attachments Log, Inclination Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Mark Stephens Printed Name Mark Stephens Title Bus. Analyst Date 8/11/98

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____ 1600	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____ 2654	T. Miss _____
T. 7 Rivers _____ 2854	T. Devonian _____
T. Queen _____ 3364	T. Silurian _____
T. Grayburg _____ 3712	T. Montoya _____
T. San Andres _____ 3981	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 3863 to _____ 3981	No. 3, from _____ to _____
No. 2, from _____ 4000 to _____ 4350	No. 4, 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	_____ feet
No. 2, from _____ to _____ feet	_____ feet
No. 3, from _____ to _____ feet	_____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
2654	3712	1058	Mixed anhydrite & silt w/minor dolomite				
3712	3888	176	Mixed anhydrite, dolomite, & silt				
3888	3981	93	Mixed silt & dolomite w/minor anhydrite				
3981	4400	419	Dolomite w/minor anhydrite & silt				