

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
30-025-27918	

1. TYPE OF WELL					7. Unit Agreement Name				
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____					8. Farm or Lease Name				
b. TYPE OF COMPLETION					R. W. Cowden "C"				
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____					9. Well No.				
2. Name of Operator					9				
HCW Exploration, Inc.					10. Field and Pool, or Wildcat				
3. Address of Operator					Jalmat (Gas)				
P. O. Box 10585 Midland, Texas 79702									
4. Location of Well									
UNIT LETTER <u>H</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>800</u> FEET FROM					12. County				
East LINE OF SEC. <u>31</u> TWP. <u>23-S</u> RGE. <u>37-E</u> NMPM					Lea				
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead	
9-10-82		9-15-82		10-10-82		3329' GR		3329'	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		Rotary Tools Cable Tools	
3363'		3296'		NA		ALL		ALL	
24. Producing Interval(s), of this completion - Top, Bottom, Name								25. Was Directional Survey Made	
3034'-3214' Yates								No	
26. Type Electric and Other Logs Run								27. Was Well Cored	
GR-Density-Neutron, Dual Guard-Forxo, CCL-CBL								No	

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	32	415	12 1/4	225 sx Class C	None
4 1/2"	10.5	3357	7 7/8	750 sx Howco LW + 200 sx Class "C"	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	3245

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3034', 43, 56, 60, 68, 73, 75, 81, 83, 92, 3101, 10, 45, 56, 58, 63, 76, 78, 3214'.		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
21 holes 0.4" Diameter.		3034-3214	3100 gals 7 1/2% MSR-100 + N ₂
		3034-3214	85,000# 20/40 + 50,000# 10/20
			sand & 41,900 gals gel w/500
			scf/bbl N ₂

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
10-10-82		Pumping 1 1/4" rod insert pump				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-15-82	24	0.75"		1	494	10	494,000 cuft/bbl
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
Pumping	30 psi		1	494	10	37°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By	
Vented during test. Will shut well in pending gas hook-up		Ray Palmer	

35. List of Attachments	
C-104, logs	

36. 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.	
SIGNED <u>Steve A. Douglas</u>	TITLE <u>Division Engineer</u> DATE <u>October 20, 1982</u>

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 radioactivity 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 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required, per Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1184</u>	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3030</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Elinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ 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

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1184	1184	Red Beds				
1184	3030	1846	Lime				
3030	3300	270	Sand				

RECEIVED

OCT 26 1982

O.C.D.
HOBBS OFFICE