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Form C-105
Revised 10-80

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. E-2109
7. Unit Agreement Name East Hightower
8. Farm or Lease Name Seay
9. Well No. 2
10. Field and Pool, or Wildcat East Hightower Upper Penn
12. County Lea

1a. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator Harper Oil Company
3. Address of Operator 904 Hightower Building, Okla. City, Oklahoma 73102
4. Location of Well UNIT LETTER <u>J</u> LOCATED <u>1920</u> FEET FROM THE <u>East</u> LINE AND <u>1980</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>30</u> TWP. <u>12S</u> RGE. <u>34E</u> NMPN

15. Date Spudded 8-15-80	16. Date T.D. Reached 9-19-80	17. Date Compl. (Ready to Prod.) Waiting on pumping unit & rods	18. Elevations (D.F., KKB, RT, GR, etc.) 4208 GL, 4224 KB	19. Elev. Casinghead 4208
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20. Total Depth 10,450'	21. Plug Back T.D. 10,175'	22. If Multiple Compl., How Many 2	23. Intervals Drilled By Rotary Tools 10450	24. Cable Tools No
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24. Producing Interval(s), of this completion - Top, Bottom, Name Bough "B" 9931'-9947', w/12 holes 9897'-9926', w/12 holes	25. Was Directional Survey Made yes
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26. Type Electric and Other Logs Run Schlumberger: Compensated Neutron - Formation Density, Dual Laterlog, Micro-SFL.	27. Was Well Cored no
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28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	353'	17 1/2"	400 sks Class C	None
8 5/8"	28# & 24#	4200'	12 1/4"	2300 Sacks Lite, 250 sacks Class C	None
5 1/2"	17#	10448'	7 7/8"	300 sks poz, 125 sks Class H	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
none					2 7/8"	9801
						9801

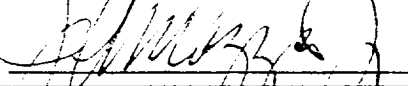
31. Perforation Record (Interval, size and number) 10,224'-10,229' 0.38" 12 holes, Set Baker CIBP at 10,175'. Dumped 2 sacks cement on plug, pressure test BP to 200# & held before treating Bough. 9931'-9947' 0.38" 12 holes 9897'-9926' 0.38" 12 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 10224-10229 500 gal. 10% MSA acid 9897-9947 2500 gal. of 15% MCA acid
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33. PRODUCTION Date First Production: 11-4-80 Production Method (Flowing, gas lift, pumping - Size and type pump): Tubing swab Well Status (Prod. or Shut-in): Waiting on Pumping Unit							
Date of Test: 11-11-80	Hours Tested: 10 hrs.	Choke Size: Tbg swb	Prod'n. For Test Period: 113	Oil - Bbl.: 47	Gas - MCF: Gas-TSTM	Water - Bbl.: 52	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure: 220	Calculated 24-Hour Rate	Oil - Bbl.: 113	Gas - MCF	Water - Bbl.: 125	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) Waiting on pumping unit	Test Witnessed By Ron Chambers
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35. List of Attachments Deviation test, open hole logs, DST #1, #2, #3.
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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 	TITLE Production Manager	DATE 12/3/80
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This form is to be filed with the appropriate District Office of the Commission 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 conventionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 26 through 34 shall be reported for each zone. The form is to be filed in triplicate 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

Northwestern New Mexico

T. Anhy _____ 1942	T. Canyon _____ 10223	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 2032	T. Strawn _____	T. Kirtland-Frontland _____	T. Penn. "C" _____
B. Salt _____ 2640	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2748	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2880	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3485	T. Silurian _____	T. Point Lockout _____	T. Elbert _____
T. Grayburg _____ 3838	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4102	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 5525	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6942	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 7705	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 9085	T. _____	T. Chinle _____	T. _____
T. Penn. _____ 9580	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____ 9952	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 9931 _____ to _____ 9947 _____	No. 4, from _____ to _____
No. 2, from _____ 9897 _____ to _____ 9926 _____	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 _____ None _____ to _____ feet. _____	
No. 2, from _____ None _____ 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	1942	1942	Surface				
1942	2030	88	Anhydrite				
2030	2748	718	Salt				
2748	2880	132	Yates				
2880	3485	605	7 Rivers				
3485	3838	353	Queen				
3838	4102	264	Grayburg				
4102	5525	1423	San Andres				
5525	6942	1417	Glorieta				
6942	7705	763	Tubb				
7705	9085	1380	Abo				
9085	9580	495	Wolfcamp				
9580	9952	372	Penn				
9952	10223	271	Cisco				
10223	10450	227	Canyon				
	TD						

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