

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNM OIL SUBMITTAL DATA
Drawn by DB
Artesia, NM 88210
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R855.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR
Harper Oil Company ✓

3. ADDRESS OF OPERATOR
904 Hightower Bldg., Oklahoma City, Okla. 73102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990' FSL & 890' FWL Sec. 24-5S-27E

At top prod. interval reported below Same

At total depth Same

JUN 1 1982

O. C. D.
ARTESIA OFFICE

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 7-30-81 16. DATE T.D. REACHED 10-20-82 17. DATE COMPL. (Ready to prod.) 5-7-82 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 4212.2 RKB 19. ELEV. CASINGHEAD 4212.2'

20. TOTAL DEPTH, MD & TVD 7503' 21. PLUG BACK T.D., MD & TVD 7136' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 0-7503' CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Strawn 6946'-6980'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Laterlog, Compensated Neutron

27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	350'	17 1/2"	350 sks	None
8 5/8"	24#	1800'	12 1/4"	950 sks	None
5 1/2"	15.5#	7502'	7 7/8"	625 sks	None

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8	6850	6850

51. PERFORATION RECORD (Interval, size and number) CIBP @ 7136'		52. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Montoya 7292'-7296'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Strawn 6946'-6980'		7292-7296'	500 gals. 15% acid
Abo 5240'-5480'		6946-6980'	2000 gals. 10% acid & 25000# 20-40 sand
		5240-5480'	4000 gals. acid & 60,000# sand

53. PRODUCTION

DATE FIRST PRODUCTION 3-28-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

DATE OF TEST 4-4-82 HOURS TESTED 24 CHOKER SIZE 24/64 PROD'N. FOR TEST PERIOD -- OIL—BBL. -- GAS—MCF. 847

FLOW. TUBING PRESS. 850 CASING PRESSURE 800 CALCULATED 24-HOUR RATE -- OIL—BBL. -- GAS—MCF. 847

54. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented

55. LIST OF ATTACHMENTS
Logs listed above

56. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *[Signature]* TITLE Production Manager DATE 5-10-82

* (See instructions and spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 83, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORO INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Surface	0	260	
Sh	260	450	
Redbed	450	980	
Sh & anhy	980	1435	
Lm & anhy	1435	2345	
Sh & sd	2345	4365	
Sd & salt	4365	4580	
Dolo, sd & sh	4580	5160	
Sh	5160	5502	
Sh & sd	5502	5889	
Sd & lm	5889	6048	
Lm	6048	7015	
Lm & sh	7015	7503	
		TD	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
San Andres	1710'		
Glorietta	2908'		
Tubbs	4308'		
Abo	5040'		
Wolfcamp	5750'		
Cisco	6382'		
Penn Clostics	6650'		
Strawn	6788'		
Miss.	7016'		
Fusselman	7263'		
Montoya	7290'		
Granite Wash	7418'		