

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 24 11 05 AM '67
MULTIPLICATION

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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

Skelly Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 730, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FSL & 660' FKL Sec. 35-138-33E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Lea

13. STATE

New Mexico

15. DATE SPUDDED

11-18-66

16. DATE T.D. REACHED

12-31-66

17. DATE COMPL. (Ready to prod.)

1-5-67

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4204' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9960'

21. PLUG, BACK T.D., MD & TVD

9921'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-9960'

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

No

9890-9910-Intervals-Pennsylvanian

26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger: More hole compensated density -

Sonic+Gamma Ray, Dual Induction - Laterolog, Micrologs

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	31.20#	370'	15"	400	
8-5/8"	32# & 24#	4200'	11"	800	
5-1/2"	17#	9960'	7-7/8"	500	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	9911'	9567'

31. PERFORATION RECORD (Interval, size and number)

9890-9901', 11' and 22 shots
9906-9910', 4' and 8 shots
A total of 15' and 30 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9890-9910'	500 gals. BDA acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
January 5, 1967		Flow				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-6-67	24	30/64"	→	368	575	0	1563
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
250#	Packer	→	368	575	0	41.0°	

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

Sold

TEST WITNESSED BY

B. L. Holley

35. LIST OF ATTACHMENTS

None

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

SIGNED

TITLE

District Superintendent

DATE January 17, 1967

*(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 33, 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: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
		TOP	BOTTOM		NAME	MEAS. DEPTH
DRILL STEM TEST NO. 1 - 9699-9820' (Bough "A").						
Opened tool on initial flow for 20 minutes, tool opened with good blow of air, gas to surface in 11 minutes. Shut in one hour for buildup. Tool opened with good blow of gas that decreased to slight blow in two hours. Shut in one hour for final buildup. Reversed out 3 barrels oil and gas cut mud, oil estimated 2%, and 105 barrels salt water. Preflow INHFP 1046 psi, FSIHFP 1900 psi, one hour INHFP 3234 psi, one hour FSIHFP 3050 psi, Hydrostatic pressure in 4429 psi, out 4406'. Reran drill pipe and bit and started drilling ahead at 9820'. INHFP 1831 psi, FSIHFP 2774 psi.					Anhydrite	1724'
DRILL STEM TEST NO. 2 - 9820-9960' (Penn.)					Salt	1854'
Bottom hole choke. Tool open 20 minutes on initial flow, opened with good blow of air, gas to surface in 5 minutes. Closed tool for one hour. While tool was closed, well unloaded 35 barrels oil to test tanks through drill pipe. Opened tool, oil to surface in 20 minutes, first hour flowed 46 barrels oil, second hour 36 barrels oil, last 30 minutes 26 barrels oil, a total of 107 barrels oil in 2 hours and 30 minutes. Flowing surface pressure 300 psi. Closed tool for final buildup. Reversed out 35 barrels oil for a total recovery of 177 barrels oil in 2 hours and 50 minutes. Shakeout 2/10 of 1% BS&W, gravity 43.0, bottom hole temperature 158 degrees, gas measured 1055 MCFD. Preflow INHFP 1747 psi, FSIHFP 2291 psi. in 20 minutes, one hour FSIHFP 2784 psi, one hour INHFP 1793 psi, FSIHFP 1929 psi, one hour FSIHFP 427 psi. Hydrostatic pressure in and out 4543 psi.					Base Salt	2562'
					Yates	2650'
					Seven Rivers	2784'
					Red Sand	3421'
					Queen	3553'
					Grayburg	3765'
					San Andres	4053'
					Glorieta	5543'
					Clear Fork	6207'
					Tubb	6960'
					Fullerton	7087'
					Abo	7688'
					Wolfcamp	9103'
					Hueco of West	9246'
					Hueco of East	9298'
					Pay Lime (Bough "A")	9708'
					Bough "B"	9769'
					Bough "C"	9835'
					Pennsylvanian	9924'
					Total Depth	9960'
					P.B.I.D.	9991'