

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM 01124

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Willard Beatty

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Larry J Penn

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 35-138-33E

12. COUNTY OR
PARISH

Lee

13. STATE

New Mexico

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 1980' FKL & 660' FKL Sec. 35-138-33E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7-9-66

16. DATE T.D. REACHED

8-6-66

17. DATE COMPL. (Ready to prod.)

August 12, 1966

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

4207' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9880'

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

9827'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

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ROTARY TOOLS

0-9880'

CABLE TOOLS

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

690-9752' - Intervals - Wolfcamp

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Bore Hole Compensated Sonic-Gamma Ray
Dual Induction Laterolog, Microlog

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
13-3/8"	35.60	375'	17-1/2"	400	*****
8-5/8"	24 & 320	4120'	11"	200	*****
8-1/2"	170	9880'	7-7/8"	500	*****

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	9547'	9547'

31. PERFORATION RECORD (Interval, size and number)

Perf. 5-1/2" CD csg. as follows: 9690-9694'
(4') 8 shots; 9702-9704' (2') 4 shots;
9705-9707' (2') 4 shots; 9742-9746' (4')
8 shots; 9748-9752' (4') 8 shots, a total
of 16' and 32 shots.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9690-9752'	1250 gallons Spearhead Acid

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
August 12, 1966		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-13-66	24	22/64"	—————→	409	575	0	1406
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
5250	Packer	—————→	409	575	0	410	

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

(ORIGINAL SIGNED) H. E. Aab

TITLE

District Superintendent

DATE

August 23, 1966

*(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 DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	
					NAME	MEAS. DEPTH
						TOP
						TRUE VERT. DEPTH
DRILL STEM TEST 01 - 9495-9780' (Wolfeburg)						
5/8" top choke, 3/4" bottom choke. Tool open 20 min. on perflow. Opened with good blow of air with gas to surface in 15 min. Closed tool 1 hr. for initial buildup. Reopened tool 3 hrs. & 22 min., oil to surface in 22 min. Tested 3 hrs: 1st hour 21 bbls. oil, 2nd hour 23 bbls. oil, 3rd hour 20 bbls. oil. Oil was mud cut formation oil. Gas measured 1200 MCF. Closed tool 1 hr. for final buildup. Released packer, drop bar to open circulating valve, failed to open valve plunging test tool. Reopened test estimated 15 bbls. mud cut oil and 1 bbl. salt water. Water tested 56000 ppm chloride. Pulled test tool with no recovery. IMRT 7000, FMRT 11500, one hour IMRT 17000, one hour FMRT 14300, Initial hydrostatic pressure 44150, Final hydrostatic pressure 44000, bottom hole temp. 140°.					Andhydrite Salt	1707'
					Mud Salt	1835'
					Yates	2563'
					Seven Rivers	2645'
					Red Sand	2777'
					Queen	3397'
					Grayburg	3546'
					San Andres	3757'
					Glorieta	4040'
					Clear Fork	5320'
					Tubb	6173'
					Fullerton	6935'
					Abe	7063'
					Wolfcamp	7667'
					Musco of West	9068'
					Musco of East	9213'
					Pay Line	9257'
					Beulah "C"	9604'
					Total Depth	9795'
						9880'
DRILL STEM TEST 02 - 9780-9880' (Beulah "C")						
5/8" top choke, 3/4" bottom choke. Tool open 20 min. on perflow, blow of air immediately with gas to surface in 4 min., that continued for 16 min. closed tool 1 hr. for initial buildup. Opened tool 2 hrs., had fair blow of gas through cut test, 1500. Released packer, dropped bar to open circulating valve, failed to open tool. Circulated 3 bbls. heavy gas cut drilling mud, no fluid on surface, had trace of oil in mud. IMRT 22200 in 1 hr. FMRT 14700 in 1 hr., IMRT 13000, FMRT 2770 in 2 hrs. Initial hydrostatic pressure 43420, Final hydrostatic pressure 44970.						