

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

LC-029420(a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Skelly Unit

7. UNIT AGREEMENT NAME

Skelly Unit

8. FARM OR LEASE NAME

Grayburg-Jackson

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

Sec. 15-17-S, R-31-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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 1351, Midland, Texas 79701

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

At surface 660' FNL and 660' FFL, Sec. 15-17S-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. 21971 DATE ISSUED

JUN 2 1971

15. DATE SPURRED 4/8/71 16. DATE T.D. REACHED 4/15/71 17. DATE COMPL. (Ready to prod.) 4/30/71 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3906' GR 19. ELEV. CASINGHEAD 3907'

20. TOTAL DEPTH, MD & TVD 3804' 21. PLUG, BACK T.D., MD & TVD 3760' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY ROTARY TOOLS 3804' CABLE TOOLS --

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

3375' - 3574' - Grayburg San Andres

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger ran Gamma Ray Sidewall Neutron

Porosity Log, Laterolog and Microlaterolog

27. WAS WELL CORED

No

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	629'	11"	575 sacks	None
5-1/2"	14#	3804'	7-7/8"	700 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3284'	

31. PERFORATION RECORD (Interval, size and number)

1 shot per interval @ 3375', 3379', 3411', 3415', 3477', 3481', 3531', 3537', 3543', 3557', 3563', 3570' and 3574', 13 shots over 199' interval

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3375 - 3574'	13 shots
3375 - 3474'	2000 gallons 15% "HX" acid and 26 ball sealers
3375 - 3574'	30,000 gals. gelled brine water, 40,000# 20-40 sand, 5000# 10-20 Sand

33.*

PRODUCTION

DATE FIRST PRODUCTION 4/30/1971 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/24/71	24			24	193	36	8042:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
	50#		24	193	36	34"	

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

Sales

35. LIST OF ATTACHMENTS

2 copies of Gamma Ray Sidewall Neutron Porosity Log,

2 copies of Laterolog and a Deviation Affidavit

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

SIGNED (Signed) J. R. Avent

TITLE Dist. Adm. Coordinator

DATE May 26, 1971

*(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 landowner. See instructions on items 22 and 24, and 28, 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.), formations and/or State office. See instructions on items 22 and 24, and 35, below regarding separate reports or separate compilations.

tion and pressure tests, and directional surveys, 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 should be listed on this form, see item 3b.

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.

item 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 separate interval to be separately produced, showing the additional data pertinent to such interval.

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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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Anhydrite	554	
				Salt	747	
				Base Salt	1710	
				Yates	1878	
				Seven Rivers	2206	
				Red Sand-Queen	2826	
				Penrose-Queen	3011	
				Grayburg	3236	
				Premier Sand	3530	
				San Andres	3576	
				Livingston Sand	3685	