Form 9-330
(Rev. 5-63)

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

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b. TYPE OF COMPLETION:
NEW WELL [ ] WORK OVER [X] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR
Shelly Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 730 - Hobbs, New Mexico 88240

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1980' FSL & 1980' FEL Section 23-17S-31E
At top prod. interval reported below
At total depth 3871'

5. LEASE DESIGNATION AND SERIAL NO.
LC 029418-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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7. UNIT AGREEMENT NAME
Shelly Unit

8. FARM OR LEASE NAME
Shelly Unit

9. WELL NO.
71

10. FIELD AND POOL, OR WILDCAT
Grayburg-Jackson

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 23-17S-31E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
-----	-----	Eddy	New Mexico

Workover Information

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9-19-67	9-22-67	Oct. 1, 1967	3868' DF	-----

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
3871'	3844'	-----	---->	0-3844'	-----

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
3243-3830 - Grayburg & San Andres

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Lane Wells - Gamma Ray Neutron

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
8-5/8" OD	24#	751'	11-1/4"	95	None
7"	20#	3202'	8-1/4"	150	None
4-1/2"	10.5#	3855'		700	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2"	3150'	3150'

31. PERFORATION RECORD (*Interval, size and number*)
Perforated 4-1/2" OD casing 3243-3830' for total of 34' and 34 shots (See back of sheet for detail).

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3243-3830'	2500 gal. 15% Reg. Acid
3243-3830'	30,000 gal. water & 30,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
Oct. 1, 1967	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Oct. 2, 1967	24	2" tubing	---->	7	50	0	7143

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-----	-----	---->	7	50	0	35°

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

TEST WITNESSED BY
Frank King

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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 (Signed) V. E. Fletcher TITLE District Superintendent DATE October 25, 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 DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Sand & Red Beds	0'	505'	
Anhydrite	505'	698'	Anhydrite
Salt	698'	1650'	Salt
Anhydrite & Salt	1650'	1811'	Salt, Anhydrite
Yates	1811'	2174'	Sand, Anhydrite
7 Rivers	2174'	2285'	Dolomite, Anhydrite & Sand
Queen	2285'	2960'	Sand & Anhydrite
Penrose	2960'	3170'	Sand
Grayburg	3170'	3353'	Dolomite & Sand
San Andres	3353'	3844'	Dolomite
			PBTD

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
	505'	
	698'	
	1650'	
	1811'	
	2174'	
	2285'	
	2960'	
	3170'	
	3353'	

1. Moved in and rigged up workover unit.
2. Drilled and cleaned out well to 3871'. Old TD 3872'.
3. Set 121 joints (3858') of new 4-1/2" OD 10.5# casing at 3864' and cemented with 300 sacks of cement by the pump and plu process. Cemented through DV Tool at 809' with 225 sacks and circulated cement to surface. WOC casing shut off tested. Drilled out cement to 3844'. PBTD 3844'.
4. Ran Gamma Ray Neutron Log.
5. Perforated 4-1/2" OD casing with one shot per foot at the following depths: 3243', 3257', 3262', 3282', 3304', 3344', 3363', 3378', 3387', 3402', 3409', 3425', 3443', 3455', 3462', 3498', 3510', 3520', 3530', 3540', 3562', 3573', 3581', 3587', 3616', 3641', 3657', 3727', 3735', 3746', 3757', 3781', 3815', and 3830', a total of 34' and 34 shots.
6. Treated down tubing into 4-1/2" OD casing perforations 3243-3830' with 2500 gallons 15% regular acid and 68 ball sealers.
7. Treated down casing through 4-1/2" OD casing perforations 3243-3830' with 30,000 gallons water and 30,000# 20/40 sand and 24 ball sealers.
8. Ran 2" tubing and put well to producing.
9. Well flowed 7 bbls. of oil in 24 hours through open 2" tubing.

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