

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-10355-5(See other in-
structions
on covers)5. LEASE DESIGNATION AND SERIAL NO.
LC 029492 (A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Robinson Federal

9. WELL NO.

#8

10. FIELD AND POOL, OR WILDCAT

Grayburg-Jackson

11. SEC. T. R. M., OR BLOCK AND SURVEY
OR AREA
Sec. 25 T16S, R31E12. COUNTY OR
PARISH
Eddy13. STATE
NM**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. RES. ☐ Other ☐ SEP 12 1975

2. NAME OF OPERATOR

Murphy Minerals Corporation

3. ADDRESS OF OPERATOR c/o Boyd Operating Company ARTESIA, OFFICE

Petroleum Building - Tower Suite, Roswell, NM 88261

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

At surface

1650 FWL, 990 FSL

At top prod. interval reported below

At total depth 330 FEL, 330 FNL of Unit N

Same

14. PERMIT NO.

15. DATE SPUDDED 8/3/75	16. DATE T.D. REACHED 8/11/75	17. DATE COMPL. (Ready to prod.) 8/24/75	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4168 G.L. 4176 K.B.	19. ELEV. CASINGHEAD 4169
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20. TOTAL DEPTH, MD & TVD 4050	21. PLUG, BACK T.D., MD & TVD 4036 K.B.	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY All	ROTARY TOOLS	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3858-3878 Grayburg
3992-4006 San Andres25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Fm, Density and Dual Laterolog

27. WAS WELL CORED

Yes

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" used	28	450'	11"	175 sx w/2% Cacl ₂	None
4 1/2" new	10.5	4050'	7 7/8"	335 sx 50-50 Posmix 2/8#/sx salt	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3995	

31. PERFORATION RECORD (Interval, size and number)

- 1) 3992-3996, 4000-4006 2/ft
- 2) 3858-3864, 3866-3869, 3874-3878 2/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3992-4006	30,000 gal. frac with 25,000 lbs. 20-40 sand.
3858-3878	45,000 gal. frac with 42,000 lbs. 20-40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION 8/24/75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" X 1 1/2" X 12' BHD				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 8/27/75	HOURS TESTED 24	CHOICE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. 16.4	GAS—MCF. 25 est.	WATER—BBL. 14.2	GAS-OIL RATIO 1,524:1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 16.4	GAS—MCF. 25 est	WATER—BBL. 14.2	OIL GRAVITY-API (CORR.)	

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

Vented

TEST WITNESSED BY

B. D. Hope

35. LIST OF ATTACHMENTS

Electric Logs, Core Data, Deviation Survey

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

SIGNED

J. M. Boyd

TITLE

Agent

DATE

9/9/75

*(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.

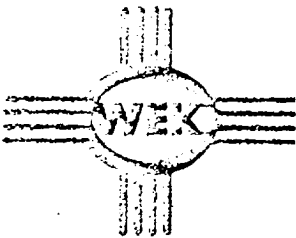
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

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				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH
Rustler	0	972	Sand, shale, gypsum	Anhydrite	972
Salado	972	1102	Anhydrite, shale	Salt	1102
Tansill	1102	2060	Salt, shale	Base of Salt	2060
Yates	2060	2250	Anhydrite, salt, shale, siltstone	Yates	2250
Seven Rivers	2250	2344	Sand, dolomite, anhydrite, shale	Seven Rivers	2344
Queen	2344	3082	Dolomite, anhydrite, shale, sand	Queen	3082
Penrose	3082	3388	Sand, dolomite, anhydrite, shale	Penrose	3388
Grayburg	3388	3546	Sand, dolomite, anhydrite, shale	Grayburg	3546
Premier	3546	3834	Dolomite, sand, anhydrite, shale	Premier	3834
San Andres	3834	3886	Sand, dolomite, shale	San Andres	3886
Lovington	3886	3990	Dolomite	Lovington	3990
	3990	4018	Sand, dolomite		
	4018	TD 4050	Dolomite		
Core #1 3802-3862'	cut 60', recovered 54'-35'		dolomite, buff, dense, anhydritic; 4' shale, red sand; 15' sand, red & light gray, very fine-medium grained, bleeding oil and gas in bottom 5'.		
Core #2 3970-4012'	Cut 42', recovered 41.5'-30'		dolomite, buff, dense, slightly shaley; 11.5' sand, light gray, very fine-fine grained, bleeding oil and gas.		



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 746-6757
ROSWELL 623-5070

August 15, 1975

Boyd Operating Company
Petroleum Bldg., Tower Suite
Roswell, N. M. 88201

Re: Robinson Fed #8

Gentlemen:

The following is a Deviation Survey of the above well:

455' - $\frac{1}{2}$
954' - $\frac{1}{2}$
1450' - $\frac{3}{4}$
1932' - $\frac{3}{4}$
2417' - 1
2800' - $1\frac{1}{2}$
2995' - $1\frac{1}{2}$
3457' - $1\frac{1}{2}$
3802' - 2
4050' - 2

RECEIVED

SEP 11 1975

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Yours very truly,

WEK DRILLING CO., INC.

Kenneth D. Reynolds
Kenneth D. Reynolds

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 18th
day of Aug., 1975 by Kenneth D. Reynolds.

Barbara J. Burlington
Notary Public

My Commission Expires:

5-16-79