

MAY 21 1980
UNITED STATES
DEPARTMENT OF THE INTERIOR
O. C. D. 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.

NM 27276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McClay Federal

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Benson Queen North

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

Sec. 33, T18S, R30E, NMPM

12. COUNTY OR PARISH

Eddy

13. STATE

New Mex.

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

H & S Oil Company ✓

3. ADDRESS OF OPERATOR

216 American Home Bldg. - Artesia, New Mexico

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

At surface 1980' FSL 660' FWL Sec. 33, T18S, R30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3/17/80

16. DATE T.D. REACHED

3/26/80

17. DATE COMPL. (Ready to prod.)

5/2/80

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

3423.3GR

20. TOTAL DEPTH, MD & TVD

3400'

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

3400'

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

2770-2820 Queen

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron Log

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"	24#	671'	11 1/4"	400 Sks. Class C w/2% Cal.	Ch.-Circulated
5 1/2"	14#	3400'	7 7/8"	800 Sks. 50/50pos w/4% D-20, 1/4# D-29, 2% S-1, & 300 Sks. w/3#KCL, 0.75% D-60, 0.3% D-65.	20,5# D-44, 65/35 pos. Circulated

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2825'	

31. PERFORATION RECORD (Interval, size and number)

2770, 74, 77, 83, 86, 88, 92, 96,
2802 & 20
Total 20 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2770-2820	Acidize W/1500 gals 15% acid
divert w/30	ball sealers. Frac W/40 gal.
Redifrac 40	& w/12,000# Fla-100, & w/22,000#
20/40 & w/7000#	10/50.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)	
5/2/80		Pumping						Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.		GAS-OIL RATIO	
5/2/80	24		→	70	testing	15			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.		OIL GRAVITY-API (CORR.)		
		→	70		15				

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

Vented at present - have requested Phillips to test

TEST WITNESSED BY

H. R. Spencer

35. LIST OF ATTACHMENTS

2 Compensated Neutron Logs - Directional survey

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

SIGNED

H. R. Spencer

TITLE

Partner

DATE 5/13/80

*(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	TRUE VERT. DEPTH
				Salt - Top	645	
				Salt - Bottom	1470	
				Seven Rivers	2140	
				Queen	2740	
				Grayburg	3226	
				San Andres	3390	