

NM OIL CONS. COMMISSION
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See 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 ☐ GAS WELL ☐ DRY ☐ Other TA
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, N.M. 88210

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

At surface

660 FSL 2310 FWL Section 33-T18S-R30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

ARTESIA OFFICE

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 *Ind.*

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

North
Benson Queen *North*

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

Sec. 33-T18S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

N.M.

15. DATE SPUDDED

4/5/80

16. DATE T.D. REACHED

4/14/80

17. DATE COMPL. (Ready to prod.)

7/3/80

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

GR 3383.5

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3398

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

3290

22. IF MULTIPLE COMPL., HOW MANY*

→

3398

ROTARY TOOLS

CABLE TOOLS

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

2760-2784 Queen

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma-Ray Neutron, Dual Laterolog, Comp. Density & Neutron,

Lazerlog

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#	594'		400 sks 50/50 pos.	
5 1/2"	15#	3398'		818 sks.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3170'	

31. PERFORATION RECORD (Interval, size and number)

- (1) 3299 to 3302 w/8 .43 size holes
3321 to 3324 w/8 .43 size holes
Set bridge plug @3290 w/cement plug
(2) 3152-3154-3155-3156-3168-3170-3172-3174 w/2 shots per ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3299-3324 (1)	1000 gal. 15% acid, w/21 ball sealers, fraced w/40,000 gal. redifrac 40 & w/12000# FLA 100 & w/23000# 20-40 & 7000 10-20. (continued on back)

33.* (3) 2760-2784 w/8 holes

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/3/80		2" pump					shut-in TA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7/3/80	24		→		tstm	5		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		

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

35. LIST OF ATTACHMENTS

Logs 4 sets

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

SIGNED

John R. Spencer
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

TEST WITNESSED BY

ACCEPTED FOR RECORD
ROGER A. CHAPMAN

SEP 22 1981

DATE 9/18/81

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*(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: "Seals 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.)

Item 32: cont. (2) 3252 - 3174 acidized w/1000 gal. acid divert w/21 ball sealers, fraced w/31,000 gal. redifrac 40, 31 gal. surfactant, 16 gal defoamer, 12,000# 100 sand, 18,000# 20-40 sand, 6000# 10-20 sand 200 lbs. moth balls, 200 lbs rock salt. (3) 2760 - 2784 Acidized w/800 gal. w 10 ball sealers, fra w/14,000 gal Redifrac 40, 10 gal surfactant, 5 gal. defoamer 6000# 100 sand, 5000 lbs. 20-40 sand.

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPROVED ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUMULON USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP BOTTOM	NAME	MEAS. DEPTH TRUE VERT. DEPTH
		Queen	2733
		Penrose	2942
		Grayburg	3214