

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-
structions 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 _____

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

McGrath & Smith, Inc.

3. ADDRESS OF OPERATOR

418 Building of the Southwest, Midland, Texas 79701

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

At surface

1980' FNL & 1980' FEL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

7-21-70

15. DATE SPUDDED

8-6-70

16. DATE T.D. REACHED

8-10-70

17. DATE COMPL. (Ready to prod.)

Dry

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

GL 3986 KB 3997

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2905

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

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

all

CABLE TOOLS

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

NONE

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Acoustilog

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	20	353	11"	175 SX.	-0-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
none							

31. PERFORATION RECORD (Interval, size and number)

NONE

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
none	

33.*

PRODUCTION

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

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs, Deviations

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

SIGNED

J. B. Taylor

TITLE

Sup't.

DATE

8-13-70

*(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 33.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Quat	Surf.	30	Blow sand	Anhy.	812	
Dockum	30	812	Red shales, gravesl in top, sandstones & clays	Top salt	910	
Rustler	812	910	Anhy. & rd. shale	Base salt	1420	
Salado	910	1420	Salt w/interbedded anhy.	Yates	1545	
Tansill.	1420	1545	Anhy. & salt	7 Rivers	1674	
Yates	1545	1674	Rd. shly. sd.	Queen	2290	
Seven Rivers	1674	2290	Anhy. w/interbedded rol. sh. & sd. & salt	Penrose	2376	
Queen	2290	2589	Rd. & Gry. sd. w/inter anhy., rd. sh. & salt	Grayburg	2589	
Grayburg	2589	2856	Anhy. w/inter. rd. sh. & sd.	San Andres	2856	
San Andres	2856	2905	Anhydritic dolo.			

McGRATH & SMITH, INC.
418 BUILDING OF THE SOUTHWEST
MIDLAND, TEXAS 79701

RECEIVED

AUG 17 1970

(915) 683-4661

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

August 13, 1970

STATE OF NEW MEXICO X

COUNTY OF LEA X

BEFORE ME, the undersigned authority, on this day personally appeared James B. Taylor of lawful age, who being by me first duly sworn, on his oath deposes and says as follows:

THAT HE is an Engineer for the firm McGRATH & SMITH, INC., oil operators of Midland County, State of Texas, and that the following is a list of the deviation surveys conducted on the McGrath & Smith, Inc. Sauer Federal #1 well located 1980' FNL and 1980' FEL of Section 23, Township 12 South, Range 30 East, Chaves County, New Mexico, to-Wit:

<u>Depth</u>	<u>Deviation</u>
352	1/4
842	1/2
1335	1/2
1677	3/4
2173	1/2
2669	1/4
2905	1/4
2905 TD	

James B. Taylor
James B. Taylor

SWORN TO AND SUBSCRIBED BEFORE ME, this 13th day of August, 1970.

Pauline B. Hobbs
Notary Public in and for Midland
County, Texas Pauline Hobbs

STATE OF TEXAS X

COUNTY OF MIDLAND X

The foregoing was acknowledged before me this 13th day of August, 1970, by JAMES B. TAYLOR.

My commission expires June 1, 1971.

Pauline B. Hobbs
Pauline Hobbs, Notary Public

RECEIVED

AUG 18 1970

OIL CONTROL

RECEIVED

AUG 18 1970

O. C. C.
ARTESIA, OFFICE