

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NM 88210

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

LEASE DESIGNATION AND SERIAL NO.

NM-015807

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Garner Federal

WELL NO.

FIELD AND POOL, OR WILL CAT

Caprock Queen Area

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

Sec. 3-T13S-R31E

COUNTY OR PARISH

Chaves

STATE

N.M.

ELEV. CASINGHEAD

ROTARY TOOLS

Rotary

CABLE TOOLS

WAS DIRECTIONAL SURVEY MADE

No

WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ESUR ☐ Other

2. NAME OF OPERATOR

Yates Drilling Company

3. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, N.M. 88210

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

At surface 2310' FNL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-6-84

16. DATE T.D. REACHED

10-10-84

17. DATE COMPL. (Ready to prod.)

10-31-84

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

4158' GL

20. TOTAL DEPTH, MD & TVD

2850'

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

2830'

22. IF MULTIPLE COMPL. HOW MANY*

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

2691'-2703', Queen

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Litho Density, Dual Laterolog Micro SFL

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#	385'	12 1/4"	250 SXS.	
5 1/2"	14#	2848.77'	7 7/8"	250 SXS.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2641'	

31. PERFORATION RECORD (Interval, size and number)

2691'-2703', 16 holes, .50", 2 SPF,
as follows:
2691', 92', 93', 94', 2700', 01', 02"

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2691'-2703'	750 gals. 15% CL acid, 20000 gals. WF-30 (25% CO2) and 22000# (13300# 20/40 and 9000# 10/20) sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
10-20-84		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/31/84	24 hrs.	1/2"	→	58	304		5241/1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
100#	175#	→	58	304	0	-		

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

vented

ACCEPTED FOR RECORD

PETER W. CHESTER

TEST WITNESSED BY

Bill Davis

35. LIST OF ATTACHMENTS

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

SIGNED

Karen J. Leishman

TITLE Production Clerk

DATE 11/5/84

*(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 production 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 identifying 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 HOLE'S ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: COARSE INTERVALS; AND ALL DAIL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES																			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																
38. GEOLOGIC MARKERS																			
NAME		<table border="1"> <thead> <tr> <th colspan="2">TOP</th> </tr> <tr> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPT</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1130'</td> </tr> <tr> <td>Salt</td> <td>1210'</td> </tr> <tr> <td>Base of Salt</td> <td>1810'</td> </tr> <tr> <td>Yates</td> <td>1929'</td> </tr> <tr> <td>Seven Rivers</td> <td>2066'</td> </tr> <tr> <td>Queen</td> <td>2687'</td> </tr> </tbody> </table>		TOP		MEAS. DEPTH	TRUE VERT. DEPT	Anhydrite	1130'	Salt	1210'	Base of Salt	1810'	Yates	1929'	Seven Rivers	2066'	Queen	2687'
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