

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-9538 RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Spearman KARTESIA OFFICE

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Undesignated

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

Sec. 13-18S-24E

Unit K NM PM

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

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

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface 1980' FSL & 1980' FWL of SEC. 13-18S-24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-5-80

16. DATE T.D. REACHED

3-25-80

17. DATE COMPL. (Ready to prod.)

4-10-80

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

3667' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8800'

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

8358'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-8800'

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

8148-8158' Atoka

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC, DLL

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
13-3/8"	54.5#	320'	17 1/2"	325 sacks	
8-5/8"	24#	1014'	12 1/4"	600 sacks	
4 1/2"	11.6&10.5#	8402'	7-7/8"	1425 sacks	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	8106'	8106'

31. PERFORATION RECORD (Interval, size and number)

8148-52' w/8 .34" holes (2spf)

8154-58' w/8 .34" holes (2spf)

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

DEPTH INTERVAL (MD)

Natural

AMOUNT AND KIND OF MATERIAL USED

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-10-80		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-10-80	4	1/2"	→		425		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
425#	Pkr	→		2550			

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

Vented will be sold

TEST WITNESSED BY

H. Apple

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

Christine Tomlinson

TITLE

Geol. Secty.

DATE

4-24-80

*(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 25.

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
				San Andres	586'	
				Glorieta	1962'	
				Abo	3948'	
				Wolfcamp LS	5079'	
				Cisco	6341'	
				Lower Canyon	7270'	
				Strawn	7750'	
				Atoka	8146'	
				Morrow clastics	8324'	
				Chester	8454'	
				Miss. LS	8584'	

RECEIVED

LANDIS DRILLING COMPANY
POST OFFICE BOX 3579
MIDLAND, TEXAS 79702

APR 24 1980

O. C. D.
ARTESIA, OFFICE

OPERATOR YATES PETROLEUM CORPORATION ADDRESS 207 South 4th St., Artesia, N. M.
LEASE NAME Spearman "KQ" Fed. #1 WELL NO. 1 FIELD
LOCATION 1980' FSL & 1980' FWL, Sec. 13, T18S, R24E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
320	1/2	2.79	2.79
789	3/4	6.14	8.93
1014	3/4	2.95	11.88
1523	3/4	6.66	18.54
1926	3/4	5.28	23.82
2423	1/2	4.34	28.16
2919	3/4	6.49	34.65
3383	3/4	6.07	40.72
3840	1	7.97	48.69
4253	1	7.21	55.90
4692	1-1/4	9.58	65.48
4973	1-1/4	6.13	71.61
5440	1	8.15	79.76
5667	2	7.92	87.68
5945	2-1/2	12.13	99.81
6446	3/4	6.56	106.37
6935	3/4	6.40	112.77
7428	1	8.60	121.37
7942	1	8.97	130.34
8442	1-1/4	10.91	141.25
8800	1-1/2	9.37	150.62

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

LANDIS DRILLING COMPANY

D. Keith Mills
TITLE Accounting Manager

AFFIDAVIT:

Before me, the undersigned authority, appeared D. Keith Mills known to me to be the person whose name is subscribed herebelow, who on making deposition, under oath states that he is acting for and in behalf of the Operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

[Signature]
AFFIDANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 24 day of April, 1980.

[Signature]
Notary Public in and for the
County of Midland, Texas