

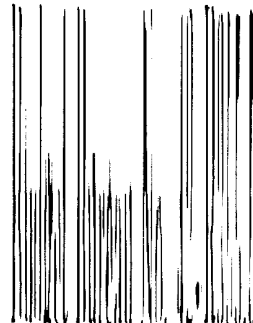
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SUBMIT IN DUPLICATE

Form approved.



DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

NM-0502118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

El Paso Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 35-20 1/2 S-21 E

Unit G NMPM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other ☐
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EX ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

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2. NAME OF OPERATOR

Yates Drilling Company

AUG 30 1974

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 940' FSL & 1980' FEL of Sec. 35-20 1/2 S-21 E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED 6-27-74 16. DATE T.D. REACHED 8-16-74 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 4589' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8920' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DEPLETED BY 1380-8920' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Dry 25. WAS OPERATIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron-Formation Density & Dual Laterolog

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"	48#	42'	15"	Ready-Mix	
8-5/8"	24#	1552'	12 1/4"	1050 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	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)	
						DRY P+A	
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

Deviation Survey & DST's

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

SIGNED

TITLE

Engineer

DATE

8-27-74

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) for this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Stacks 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.)

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

37. SUMMARY OF POROSITY 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				San Andres	Surface		
				Glor.	1448		
				Tubb	2850		
				Abo	3457		
				Wolfcamp Ls	4511		
				Morrow -			
				Clastics	7940		
				Chester	8206		
				Miss. Ls	8406		
				Devonian	8831		

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Yates Drilling Company ADDRESS 207 S. 4th Street, Artesia, NM 88210
 FIELD Wildcat LEASE El Paso WELL NO. 1
 LOCATION SE/4 of Sec. 35, T-20-1/2-S, R-21-E, Eddy County, New Mexico.

DEVIATION RECORD

Depth	Degrees	Depth	Degrees	Depth	Degrees	Depth	Degrees
393	1/2	2259	3-3/4	3860	1/2	6949	1
778	2	2288	3	4160	1-1/4	7500	3-1/2
862	2-1/2	2340	2-3/4	4220	1-3/4	7670	3-1/2
1030	1-3/4	2405	3	4327	1-1/4	8100	3
1552	2	2457	2-3/4	4390	1	8327	4
1660	5-3/4	2520	3-1/2	4451	1	8625	5
1720	5-1/2	2610	2-3/4	4545	1	8920	5-1/2
1780	5-3/4	2635	2-3/4	4638	1/2		
1814	5-3/4	2676	2-3/4	4773	1/2		
1891	5-1/2	2751	2-1/2	5016	1/2		
1942	5-3/4	2845	2-1/4	5500	1/2		
1980	5-1/2	2907	2	5657	1-1/2		
2010	5	3000	1-3/4	5846	1-1/4		
2040	4-3/4	3125	1-3/4	6064	1-1/4		
2080	4-1/2	3250	1-1/4	6167	1		
2136	4-1/4	3410	3/4	6390	3/4		
2197	3-1/2	3600	1/2	6535	3/4		

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AUG 17 1974

U.S. DEPT. OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Signature

Ard Drilling Company
Company

STATE OF TEXAS
COUNTY OF MIDLAND

Before me, the undersigned authority, on this day personally appeared J.E.R. Sheeler, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Signature

Manager-Ard Drilling Company
Title

Sworn and Subscribed to before me, this the 21st day of August, 19 74

Notary Public in and for Midland County,
Texas.
S. R. McKINNEY, JR.

MY COMMISSION EXPIRES:

June 1, 1975

DRILL STEM TESTS

Yates Drilling Company - El Paso #1 35-20 $\frac{1}{2}$ S-21E, Eddy County, New Mexico

DST #1 5315-5500 (Wolfcamp)

TO 20"; SI 60"; TO 20", SI 60". Op w/wk blo and decrd.

Re-Op w/very wk blo and died. - Recovered 35' DM. BHT 100 deg.

Sampler: - No pressure.

Pressures: HP 2529-2529; IFP 110-110; FFP 110-110; ISIP 147; FSIP 110.

DST #2 7354-7436'

TO 30", SI 90", TO 120", SI 240". TO w/fair blo, incrd to strong blo off bottom of bucket in 3 $\frac{1}{2}$ ", blo remained constant throughout remainder of initial flo. Final Flow: TO w/wk blo, off bottom of bucket in 22", steady blo for 40" and began to decrease to wk blo, off bottom of bucket at end of 2 hr. flow period. No GTS. Recovered: -210' of VSO&GCM.

Sampler: - 100#, 0.3 cfg. Trace of SO&GCM. BHT 126 deg.

Pressures: HP 3528-2450; IFP 134-148; ISIP 241; FFP 161-161; FSIP 963,

DST #3 7488-7668'

TO 30", SI 90", TO 120", SI 240". TO op w/wk blo. Strong blo off bottom of bucket in 10" into flow, remained strong throughout initial flo.

Final Flow, opened w/immediate strong blo., opened to flow line, in 7" reached 7/8# on 1/4" choke - decreased steadily to 1/4# in 14". 0# in 16" Recovered 70' SGCM. Sampler: 50#, 0.3 cfg, 2100 cc DM. BHT 136 deg.

Pressures: HP 3524-3487; IF 147-129; ISIP 496; FF 129-129; FSIP 971.

DST #4 8085-8168'

TO 25", SI 80", OP 25", SI 75". OP w/wk blo, increased to 2 $\frac{1}{2}$ " blo in bucket and remained steady thruout the remainder of the initial flow.

Final flow: OP w/very wk blo, remained steady throughout the remainder of the final flow. Recovered: 220' DM, 50" SGCDM. Sampler: 2200 cc SGCM, 50# - No gas. Pressures: HP 3818-3818; IF 85-128; ISIP 170-170; FSIP 895.

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DST #5 8850-8920' (Devonian)

TO 20", SI 60", TO 40", SI 90". Recovered: 7500' fluids, 2400' mud and 7010' brackish water. BHS: - 25#, 2400 cc muddy water, no gas. BHT 145 deg. Pressures: HP 4171-4125; FP 1234-2573-2734-3304; SIP 3304-3304.

DST #6 6648-6796' (Canyon)

TO 30", SI 90", OP 60", SI 180'. TO in IF w/wk blo, 1/2" of wtr, incrd. steadily to 5" of wtr in 15" and remained throughout remainder of IF.

No GTS. TO in FF w/wk blo, increased to 4" blo in 15". In 30" began to decrease to 3" blo at end of 1 hr. No GTS. Recovered: 140' DM. NS.

Sampler: 25# press, 1950 cc mud and no shows. Pressures: HP 3088-3066 ; IF 44-66; ISIP 131; FF 44-66; FSIP 110.