

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
Drawn DD (See other instructions on reverse side)
Artesia, NM 88210

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 69323	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR YATES PETROLEUM CORPORATION (505) 748-1471		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210		8. FARM OR LEASE NAME Sedge Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FEL, Sec. 18-T22S-R23E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. API #30-015-27145		10. FIELD AND TOOL, OR WELL NAME Morrow	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Unit H, Sec. 18-T22S-R23E	
15. DATE SPUDDED 9-28-92		12. COUNTY OR PARISH Eddy	
16. DATE T.D. REACHED 11-3-92		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 11-12-92		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4268' GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 10035'	
21. PLUG, BACK T.D., MD & TVD 9959'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9554-9569' Morrow	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT; DLL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE		WEIGHT, LB./FT.	
20"		40'	
13-3/8"		338'	
9-5/8"		2371'	
5-1/2"		10005'	
HOLE SIZE		CEMENTING RECORD	
26"		RediMix	
17 1/2"		450 sx - circulated	
12 1/2"		800 sx - circulated	
8-3/4"		2050 sx - circulated	
29. LINER RECORD		30. TUBING RECORD	
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE	
DEPTH SET (MD)		PACKER SET (MD)	
2-7/8"		9508'	
9508'		9508'	
31. PERFORATION RECORD (Interval, size and number) 9554-9569' w/26 - .42" Holes		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
9554-69'		w/2000g. 7 1/2% Morrow acid w/1000 scf/N2/bbl. SF w/38000g. gel KCL w/30% CO2 + 32000# 20/40 sand.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in) SIWOPLC	
DATE FIRST PRODUCTION 11-12-92		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 11-12-92		HOURS TESTED 24	
CHOKE SIZE 3/8"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. -		GAS—MCF. 612	
WATER—BBL. -		GAS-OIL RATIO -	
FLOW. TUBING PRESS. 165		CASING PRESSURE PKR	
CALCULATED 24-HOUR RATE →		OIL—BBL. -	
GAS—MCF. 612		WATER—BBL. -	
OIL GRAVITY-API (CORR.) -		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented - Will be sold	
TEST WITNESSED BY Mike Allen		35. LIST OF ATTACHMENTS Deviation Survey, Logs, DST's	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>[Signature]</u> TITLE Production Supervisor DATE 11-19-92	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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
				San Andres	587	
				Glorieta	2174	
				Bone Spring	3164	
				3rd B. Spring Sd	6234	
				Wolfcamp	6336	
				Canyon	7581	
				Lower Strawn	8687	
				Atoka	8904	
				Morrow Clastic	9484	
				Lower Morrow	9674	
				Austin Cycle	9772	

YATES PETROLEUM CORPORATION

SEDGE UNIT #1 - NM-69323

1980' FNL & 660' FEL

Sec. 18-T22S-R23E

Eddy County, NM

DRILL STEM TESTS:

DST #1 6783-6818' WOLFCAMP: TIMES: 15", 60", 60", 120", 60". RECOVERY: 60' (.33 bbls) of oil, gravity 39 at 60 deg. + 543' (1.67 bbls) formation water, Cl 89000. SAMPLER: .096 cfg, 150 cc of 39 gravity oil @ 60°, 2250 cc water, Cl 89000, Rw .066 @ 60°. at 150 psi @ 60°. PRESSURES: Depth - 6794', IHP 3321, IFP 132-144, ISIP 2361, 2nd FP 120-192, 2nd SI 2270, 3rd FP 144-240, FHP 3233.

DST #2 6963-6983' WOLFCAMP: TIMES: 15", 60", 38", 90", 25", 212". RECOVERY: 972' (5.9 bbls) of gas cut condensate, 53 gravity at 60 deg + 270' (1.3 bbls) of drilling mud, Cl 156000 (middle), 142000 (bottom). SAMPLER: 11.47 cfg, 100 cc of 53 gravity oil at 60° at 1550 psi. PRESSURES: Depth - 6974, IHP 3531, IFP 780-1333, ISIP 2934, 2nd FP 988-1973, 2nd SI 2842, 3rd FP 988-1698, 3rd SI 2773, FHP 3528.

DST #3 7592 7642' (50') CANYON: TIMES: 15", 60", 60", 120", 30". RECOVERY: 100' (.50 bbls) drilling fluid, Cl 82000; 55' (.26 bbls) sulfur water, Cl 50000. SAMPLER: 8 psi @ 64 deg. 2300 cc water, Cl 50000, .153 Rw @ 64°. PRESSURES: Depth - 7636', IHP 3738, IFP 57-66, ISIP 1374, 2nd FP 66-94, FSIP 1346, FFP 94-104, FHP 3748.

DST #4 7827-7861' CANYON: TIMES: 15", 60", 60", 180", 60". RECOVERY: 93' (1.4 bbls) of rathole mud, Cl 87000 + 1797' (14.2 bbls) of formation water, Cl 58000. SAMPLER: .096 cfg, 2400 cc water, 58000 Cl, .088 Rw at 60 deg at 150 psi at 60°. PRESSURES: Depth - 7838', IHP 3808, IFP 144-264, ISIP 1424, 2nd FP 406-687, 2nd SI 1424, 3rd FP 733-873, FHP 3808.

DST #5 9463-9550' MORROW: TIMES: 5", 10", 15". RECOVERY: 60' (.29 bbls) rathole mud, Cl 69000. SAMPLER: 10 psi @ 60°. 2600 cc mud, Cl 69000. PRESSURES: Depth - 9445', IHP 4603, IFP 97-113, ISIP 113, 2nd FP 97-113, 2nd SI 173, 3rd FP 97-113, FHP 4603.

DST #6 9442-9575' MORROW: TIMES: 15", 60", 60", 180", 60", 207". RECOVERY: 720' (3.8 bbls) drilling fluid, Cl 67000. SAMPLER: Pressure 500 psi. 3.47 cfg, 300 cc water, 53000 Cl .093 Rw @ 60 deg. PRESSURES: Depth - 9453', BHP 167°F, IHP 4626, IFP 386-308, ISIP 3623, 2nd FP 308-524, 2nd SI 3651, FFP 386-630, FSIP 3651, FHP 4626.