

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVED
OFFICE FOR NAME
OF COPIES REQUIRED

BLM Roswell District
Modified Form No.
NM60-3160-3

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. REVER. ☐ Other _____
JAN 16 '91

2. NAME OF OPERATOR YATES PETROLEUM CORPORATION
3a. Area Code & Phone No. 505/748-1471

3. ADDRESS OF OPERATOR 105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980' FNL & 1980' FEL, Sec. 11-20S-24E

At top prod. interval reported below

At total depth Same

9a. API Well No. 30-015-26494
14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED 11-9-90
16. DATE T.D. REACHED 12-8-90
17. DATE COMPL. (Ready to prod.) 1-6-91
18. ELEVATIONS (DP, RKR, RT, OR, ETC.)* 3615' GR
19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 8210'
21. PLUG, BACK T.D., MD & TVD 8145'
22. IF MULTIPLE COMPL., HOW MANY* _____
23. INTERVAL DRILLED BY _____ ROTARY TOOLS 0-TD CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
7690-7797' Canyon
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN LDT/CNL; DLL/RXO
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
20"		40'	26"	Redi-mix	
9-5/8"	36#	1203'	14-3/4"	950 sx	
7"	23 & 26#	8210'	8-3/4"	2200 sx	

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"	7828'	-

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7785-7797' w/14 - .50" Holes		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7690-7758' w/44 - .50" Holes		7785-7797'	w/4000g. 20% NEFE acid
		7743-7758'	w/1500g. 20% NEFE acid
		7690-7758'	w/12000g. 20% NEFE + 800# block.

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
12-17-90		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
1-6-91	24	3/4"		227	1223	456	5388
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
200#	190#		227	1223	456	42°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - connected to Yates Gas Gathering 12-20-90
TEST WITNESSED BY John Dehler

35. LIST OF ATTACHMENTS Deviation Survey, DST's, Logs

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

SIGNED [Signature] TITLE Production Supervisor DATE 1-8-90

*(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, flowing and shut-in pressures, and recoveries);					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
					San Andres Glorieta Yeso Bone Springs LM Abo Canyon LS Canyon Dolo	515 2094 2173 3332 5080 7556 7658	

YATES PETROLEUM CORPORATION

Saguaro AGS Federal Com #6, NM-043625
1980' FNL & FEL, Sec. 11-20S-24E
Eddy County, NM

DRILL STEM TESTS:

DST #1 3031-3110' (79') Yesso: TIMES: 30", 60", 60", 120", 60", 32", 180", 85". RECOVERY: 340' rat hole mud, 950' formation water. Top sample Rw 106220 ppm Titrate, Middle sample Rw 96000 ppm Titrate, Bottom sample Rw 63800 ppm Titrate, SAMPLER: 1500 cc formation water, 1100 cc gas, (4.0 cfg), 40000 ppm H₂S in chamber and 47160 ppm chloride. PRESSURES: IHP 1566, IFP 99-298, ISIP 1392, 2nd FP 298-453, 2nd SIP 1392, 3rd FP 480-560, 3rd SIP 1392, FFP 586-740, FSIP 1392, FHP 1566.

DST #2 3360-3590' (230') Bone Springs: TIMES: 30", 30", 30", 75", 60". RECOVERY: 90' drilling fluid. Top sample Rw 107400 ppm chloride. SAMPLER: 2600 cc drilling fluid, Sample Rw 108600 ppm. PRESSURES: IHP 1696, IFP 40-66, , ISIP 83, 2nd FP 66-66, FFP 66-66, FSIP 83-115, FHP 1696.