

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Artesia, NM 88210

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES RECEIVED  
(See other instructions on reverse side)

BLM Roswell District  
Modified Form No. 3160-3

RECEIVED

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. RESVR.  Other   
 2. NAME OF OPERATOR: YATES PETROLEUM CORPORATION  
 3. ADDRESS OF OPERATOR: 105 South 4th St., Artesia, NM 88210

RECEIVED  
SEP 13 1990  
SEP 13 1990  
ARTESIA OFFICE

5. LEASE DESIGNATION AND SERIAL NO.: NM 045274  
 6. IF INDIAN, ALIEN OR TRIBE NAME: 7 11 16 Hill 90  
 7. UNIT AGREEMENT NAME: Hill View AHE Federal Com  
 8. WELL NO.: 4  
 10. FIELD AND POOL, OR WILDCAT: South Dagger Draw Upper Penn  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Unit J, sec. 23-T20S-R24E  
 12. COUNTY OR PARISH: Eddy  
 13. STATE: NM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
 At surface: 1980' FSL & 1980' FEL, Sec. 23-20S-24E  
 At top prod. interval reported below:  
 At total depth: Same  
 14. PERMIT NO.:  
 DATE ISSUED:

9a. API Well No.: 30-015-26356  
 15. DATE SPUNDED: 5-30-90  
 16. DATE T.D. REACHED: 6-24-90  
 17. DATE COMPL. (Ready to prod.): 8-31-90  
 18. ELEVATIONS (OF RKB, RT, GR, ETC.): 3642' GR  
 19. ELEV. CASINGHEAD:  
 20. TOTAL DEPTH, MD & TVD: 8120'  
 21. PLUG BACK T.D., MD & TVD: 8026'  
 22. IF MULTIPLE COMPL., HOW MANY?  
 23. INTERVALS DRILLED BY: →  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD): 7635-7709'; 7751-7763' Canyon  
 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)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Redi-Mix	
9-5/8"	36#	1220'	14-3/4"	1100 SX	
7"	26 & 23#	8120'	8-3/4"	1550 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7919'	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	SIZE	AMOUNT AND KIND OF MATERIAL USED
7751-63'	w/7 .50" Holes	w/2900g. 20% NEFE acid.
7635-7709'	w/11 .50" Holes	w/1700g. 20% NEFE acid.

33. PRODUCTION

DATE FIRST PRODUCTION: 7-20-90  
 PRODUCTION METHOD: Pumping  
 WELL STATUS: Producing or shut-in: Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BRL.	GAS--MCF.	WATER--BRL.	GAS-OIL RATIO
8-31-90	24	2"	→	88	321	787	3647
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL BRL.	GAS MCF.	WATER BRL.	OIL GRAVITY-API (CORR.)	
70	70	→	88	321	787	41	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold - Connected to Yates Gas Gathering 7-20-90.  
 TEST WITNESSED BY: Norbert McCaw

35. LIST OF ATTACHMENTS: Deviation Survey, Logs  
 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
 SIGNED: *Guarantea Dodder* TITLE: Production Supervisor DATE: 9-6-90

\*(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, time tool open, flowing and shut-in pressures, and  
 recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
38.			<p>DST #1 5320-5344' (24') BONE SPRINGS:            TIMES - 30", 60", 60", 120", 60".            RECOVERY: 1113' formation water, C1 50000            SAMPLER - .78 cfg, 1900 cc water with 325            psi. Chl water 48000 ppm. Chl mud 66000            ppm. PRESSURES: Depth 5337': IHP 2508,            IFF 67-348, ISIP 2311, 2nd FP 367-527,            2nd SI 2311, FFP 555-677, FHP 2508.</p>
GEOLOGIC MARKERS			
	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	San Andres	583	
	Glorieta	2107	
	Bone Springs Lm	3432	
	Wolfcamp Lm	5914	
	Canyon Lm	7570	
	Canyon Dolomite	7623	
	B. Canyon Dolomite	7822	