

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY N.M.O.C.D. COPY

SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐
b. TYPE OF COMPLETION:		RE-ENTRY			
NEW WELL ☒		WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐
2. NAME OF OPERATOR Yates Petroleum Corporation					
3. ADDRESS OF OPERATOR 207 South 4th St., Artesia, NM 88210					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth					
14. PERMIT NO. ARTESIA, OFFICE					
15. DATE SPUDDED Re-entry 5-23-81					
16. DATE T.D. REACHED -					
17. DATE COMPL. (Ready to prod.) 8-16-81					
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 3723' GR					
19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 11260'					
21. PLUG, BACK T.D., MD & TVD 2975'					
22. IF MULTIPLE COMPL. HOW MANY*					
23. INTERVALS DRILLED BY 0-11260'					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top Perfs - 2824-2849' Grayburg (Premier) Bottom Perfs - 2926-2934' San Andres (Lovington)					
25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray-Neutron					
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
12-3/4"	in place	461'	16"	400	
8-5/8"	in place	2991'	11"	450	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	2800'				
31. PERFORATION RECORD (Interval, size and number)					
2824-2849' w/12 .50" holes 2926-2934' w/8 .50" holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)					
2824-2934'					
AMOUNT AND KIND OF MATERIAL USED					
acidized w/2500 g. 7 1/2% HCL					
acid. Frac'd w/55188 gals					
2% KCl gel wtr(25#/1000 gal)					
33.* PRODUCTION					
DATE FIRST PRODUCTION 8-16-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 8-21-81	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 20	OIL—BBL. TSTM	GAS—MCF. 41
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 20	GAS—MCF. TSTM	WATER—BBL. 41
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM - vented					
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 Larry Dade		TITLE Engineering Secretary		DATE 8-25-81	

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

ACCEPTED FOR RECORD
AUG 28 1981
U.S. GEOLOGICAL SURVEY
POWELL

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) 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	MEAN DEPTH	TRUE VERT. DEPTH
				Yates	1228	
				7 Rivers	1474	
				Queen	2049	
				Grayburg	2502	
				San Andres	2855	
				Glorieta	4267	
				Tubb	5603	
				Abo	6324	
				Wolfcamp LS	7339	
				Cisco	8785	
				L. Canyon	9260	
				Strawn	9770	
				L. Strawn	10124	
				Atoka	10294	
				Morrow Cl	10755	
				Austin Cycle	10871	
				Chester	11168	

Form C-128
Supersedes C-128
Effective 1-1-65

REC-110

Operator: Yates Petroleum Corporation			Lease: Wilbo "QA" Federal			Date: 1 AUG 27 1981		
Unit Letter: N	Section: 29	Township: 16S	Range: 30E	County: Eddy		Office: ARTESIA, OFFICE		
Actual Footage Location of Well:								
660		feet from the South		1980		West		
Ground Level Elev. 3723'	Producing Formation Grayburg - San Andres		Section Red Lake-Grayburg-SA			Acres 40		

- Outline the acreage dedicated to the subject well by colored pen or marking marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Juanita Goodlett

Juanita Goodlett

Engineering Secretary

Yates Petroleum Corporation

August 25, 1981

REFER TO ORIGINAL PLAT.

OPERATOR Yates Petroleum Corporation ADDRESS 207 South 4th Street - Artesia, NM 88210
FIELD _____ LEASE Wilbo "QA" Federal WELL NO. 1
LOCATION Section 29-16-30 of Eddy County, New Mexico

[illegible]

Signature Dean Sims
The Ard Drilling Company
Company

09-10-84

RECEIVED

DRILL STEM TESTS

AUG 31 1981

Yates Petroleum Corporation
Wilbo "QA" Federal #1
660' FSL & 1980' FWL, Sec. 29-16S-30E
Eddy County, New Mexico

O. C. D.
ARTESIA, OFFICE

DST #1 - Depth 11023'. Packer seats 10734, 289'. test preflow 30 min on 1/8" hose - weak blow 20 min to reach bottom of bucket. Initial shut in 60 minutes. Final flow - weak blow increasing to 1# in 30 minutes then decreasing to 20 oz on 1/8" hose at end of 60 min flow. Final shut in 2 hours. Pulled packers loose and trip out of hole. Recovered 90' of gas cut drilling mud. Sample chamber had 400 psi at surface 2.38 cu ft gas w/no water, no mud and no oil. Bottom temp 157 degrees, initial hyd 5371. Bomb data: initial flow of 30 min started w/ 612 psi and ended w/612 psi. ISIP 60 min was 1622 psi. Final flow of 60' started w/612 psi and ended w/625 psi. FSIP 120 min 1739 psi. Final hyd 5374.

DST #2 - Misrun.

DST #3 - packer seats at 9364-9447'. Preflow 30 minutes w/weak blow on 1/8" hose decreasing after 20 minutes - no psi. No GTS. ISIP 60 minutes; FF 60 minutes - very weak blow on 1/8" hose. Then dissipated after 20 minutes. No psi, no GTS. FSIP 120 minutes. Recovered 120' of drilling mud. No show of oil or gas. Sample chamber: 33 psi, 1500 cc drilling mud. Pressures: IHP 4836; FHP 4808; 30" IFP 80 psi; FFP (#1) 133 psi; 60" IFP (#2) 80 psi; FFP (#2) 106 psi. SIP (#1) 133 psi; SIP (#2) 106 psi. Top sample recovery; 27000 CL. Middle sample recovery 26000 CL. Bottom sample recovery 29000 CL. Sampler: 25000 CL. Mud pits were 38000 CL.

DST #4 - packer seats at 3990-4110' (120'). Preflow 30 minutes w/weak blow and decreasing. No GTS. ISIP 60"; FFP 60" w/weak blow and decreasing. No GTS. FSIP 120". Recovered 720' of drilling mud and water. Sampler chamber recorded 21#, 300 cc mud and water. No show of oil or gas. Top sample recovery in pipe - 35000 CL; middle sample recovery 32000 CL; bottom sample recovery 35000 CL. Sampler: 38000 CL mud, pits 38000 CL. Pressures: IHP 1892; FHP 1871; 30" IFP (#1) 83; FFP (#1) 242; 60" IFP (#2) 312; FFP (#2) 437; ISIP (#1) 1518; FSIP (#2) 1498.