

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED K-6364

DEC 8 1975

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OPERATOR	

1a. TYPE OF WELL		OIL WELL <input type="checkbox"/>		GAS WELL <input type="checkbox"/>		DRY <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEPEN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		Cities Service Oil Company		3. Address of Operator		Box 1919 - Midland, Texas 79701		4. Location of Well		9. Well No.	
UNIT LETTER L		LOCATED 1980		FEET FROM THE South		LINE AND 660		FEET FROM		10. Field and Pool, or Wildcat	
THE West		LINE OF SEC. 17		TWP. 21S		RGE. 27E		NMPM		12. County	
15. Date Spudded		7-1-75		16. Date T.D. Reached		8-7-75		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
Plugged & abandoned		3233' DF		3214'		19. Elev. Casinghead		3214'			
20. Total Depth		11557'		21. Plug Back T.D.				22. If Multiple Compl., How Many		23. Intervals Drilled By	
Rotary Tools		Cable Tools		0-T.D. 11557'		---					
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made		No					
26. Type Electric and Other Logs Run		Compensated Neutron-Formation Density, Dual Laterolog and Deviation Tests		27. Was Well Cored		No					
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
13-3/8"		48#		374'		17-1/2"		375 sacks		circulated	
9-5/8" (2774.34' - 36#)											
(224.99' - 32#)		2989'		12-1/4"		1670 sacks		circulated			
5-1/2" (1070.53' - 20# 10466.67' - 17#)		11557'		8-3/4"		350 sacks		9464'			
29. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		30. TUBING RECORD	
										SIZE	
										DEPTH SET	
										PACKER SET	
31. Perforation Record (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL					
						AMOUNT AND KIND MATERIAL USED					
33. PRODUCTION											
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Prod. or Shut-in)			
		Plugged and abandoned									
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 Tests											
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.											
SIGNED		TITLE Region Operation Manager						DATE December 5, 1975			

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____ 9812'	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 10656'	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 2780'	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 5009'	T. Wingate _____	T. _____
T. Wolfcamp _____ 8690'	T. Dean _____ 8422'	T. Chinle _____	T. _____
T. Penn. _____	T. Cherokee _____ 10354'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. Morrow _____ 10927'	T. Penn. "A" _____	T. _____
	T. Chester _____ 11527'		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
-0-	374'	374'	Red Beds & Anhydrite				
374'	1660'	1286'	Anhydrite & Sand				
1660'	2215'	555'	Sand & Dolomite				
2215'	2715'	500'	Dolomite & Lime				
2715'	3000'	285'	Sand & Lime				
3000'	3145'	145'	Lime & Anhydrite				
3145'	8510'	5365'	Lime				
8510'	8735'	225'	Shale & Lime				
8735'	9168'	433'	Lime & Shale				
9168'	10750'	1582'	Shale & Lime				
10750'	10845'	95'	Shale, Lime & Salt				
10845'	11055'	210'	Shale & Lime				
11055'	11255'	200'	Sand				
11255'	11400'	145'	Sand, Lime & Shale				
11400'	11530'	130'	Sand & Shale				
11530'	11557'	27'	Shale & Sand				
			T.D. 11557'				

Cities Service Oil Company #1 State CS
Sec. 17-T21S-R27E, Eddy County, New Mexico

DST No. 1: 11,449-11,557' (108') Morrow SS. 3/4" BHC, 1/4" TC, 1200' WB. Tool opened w/a good blow. ~~4533-1034#~~ GFS in 11 mins w/ FDPP increasing to 220# in 13 mins. Tool closed ~~4533-1034#~~ for 60 min ISIP. Reopened for final flow ~~4533-1034#~~ w/a strong blow on 1/2" ck. Well died in 25 mins w/FDPP decreasing from 60# to zero and GR decreasing from 500 MCFD to zero in 25 mins. Tool open 60 mins. Closed tool ~~4533-1034#~~ for 120 min FSIP. No fluid to surface during test. Released pkrs. ~~4533-1034#~~ Rec 1200' WB and 3480' formation wtr 64,000 ppm chlorides. Sample chamber at 11,415' contained 1400 cc formation wtr 64,000 ppm chlorides and 3.05 cu ft gas at 1500# and 175 degs F. BHP's as follows:

	Top Chart @ 11,428'	Bottom Chart @ 11,554'
IMCP	5912#	5892#
13 min IF	948-1034#	1009-1093#
60 min ISIP	4533#	4557#
60 min FF	1013-1653#	1072-1729#
120 min FSIP	4469#	4536#
FMCP	5891#	5850#
BHT	175 degs F	175 degs F

DST No. 2: 4325-4490' (165') Delaware Sd. 3/4" BHC, 1/8" TC, no wtr blanket. Opened tool ~~2107-1843#~~ w/a fair blow increasing to 3# during 15 min preflow. Closed tool ~~2107-1843#~~ for 90 min ISIP. Reopened tool ~~2107-1843#~~ w/a good blow on 1/8" ck increasing to 5# during 60 min final flow. No gas to surface. Closed tool for 120 min FSIP. ~~2107-1843#~~

Recovered 1970' of formation wtr that titrates 80,000 ppm chlorides. Sample chamber at 4289' contained 2300 cc wtr and 1 cu ft gas at 500#. BHP's as follows:

	Top Chart at 4304	Bottom Chart at 4487
IMCP	2107#	2191#
15 min preflow	223-459#	337-556#
90 min ISIP	1843#	1929#
60 min final flow	630-1029#	700-1067#
120 min FSIP	1869#	1929#
FMCP	2107#	2191#
BHT	100 degs F	100 degs F

AFFIDAVIT

State of Texas Cities Service Oil Company

County of Midland Lease Name State CS Well # 1

In Sec. 17 Twp. 21S Rge. 27E

County of Eddy

State of New Mexico

E. Y. Wilder of lawful age being first duly sworn deposes and says:

That he supervises development and operation of the captioned lease and is duly qualified and authorized to make this affidavit and is fully acquainted with all facts herein set out concerning Deviation and Directional drilling.

<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>	<u>Degrees</u>	<u>Depth</u>
.25	374'	2.00	10019'		
.50	666'	2.00	10510'		
1.25	1070'	2.00	10809'		
1.25	1546'	2.00	11306'		
1.25	2036'				
1.00	2526'				
.25	3000'				
.50	3461'				
.50	3956'				
.75	4440'				
1.00	4910'				
1.00	5400'				
1.25	5820'				
1.50	6016'				
1.50	6510'				
1.50	6830'				
1.75	7300'				
1.75	7800'				
1.75	8300'				
1.75	8800'				
1.75	9040'				
1.75	9520'				

T.D. 11557'

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O. C. C.
ARTESIA, OFFICE

Further affiant saith not.

E. Y. Wilder

Subscribed and sworn to before me this 12th day of August, 19 75

My Commission Expires June 1, 1977

Charles H. H. H. Notary Public

Midland County, Texas