

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Langley Griffin	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Undesignated	
Langley Ellenburger	

13. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒
DRY ☐	OTHER ☐
14. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEPTH ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

1. Name of Operator ARCO Oil & Gas Company
Division of Atlantic Richfield Company2. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

3. Location of Well

UNIT LETTER	J	LOCATED	1980	FEET FROM THE	South	LINE AND	1980	FEET FROM
East	28	TWP.	22S	RGE.	36E			

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12/31/79	4/9/80	7/29/80	3488.4' GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Was Directional Survey Made
15,656'	15,539'		Rotary Tools 0-15,656'	No
25. Producing Intervals, of this completion - Top, Bottom, Name				26. Type Electric and Other Logs Run
15,322-15,515' Ellenburger Gas				GR Sonic, CNL-FDC, CBL, Dipmeter
27. Was Well Cored				Yes

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" OD	54.50 #K-55	1405'	17 1/2"	1050 SX	
9-5/8" OD	36#S-80&K-55	6224'	12-3/4"	4200 SX	
7" OD	23,26,29# SS-95	15638'	8-3/4"	3275 SX	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	15,223'	15,180'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
15,322-15,515' = 28 - .50" holes			
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4418-20'	Squeezed w/5000 gal Flo-check,
			750 sx Cl C Thikset cmt w/2% Ca
			5# Gilsonite/sx 1/4# flocele/sk
		4418-20'	Squeeze cmtd w/75 sx Cl C neat

33. PRODUCTION				Well Status (Prod. or Shut-in)			
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Prod			
5/14/80		Flowing					
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/29/80	8 hrs	Various		16	349	0	21,812:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1647#	Pkr		48	1,047	0	65.3°	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold						C. Johnson	

35. List of Attachments
Logs as listed in Item 26 above, DST's, Inclination Report.

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

Dist. Drlg. Supt.

DATE

8/4/80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 quadruplicate 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	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 9310'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 10,281'	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3238'	T. Miss. Lime 11,504'	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian 12,328'	T. Menefee	T. Madison
T. Queen	T. Silurian 13,016'	T. Point Lookout	T. Elbert
T. Grayburg 3972'	T. Montoya 14,120'	T. Mancos	T. McCracken
T. San Andres 4528'	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta 5920'	T. McKee 14,730'	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger 15,260'	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 7850'	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T. Morrow 10,704'	T. Chinle	T.
T. Penn.	T. Barnett 11,170'	T. Permian	T.
T. Cisco (Bough C)	T. Fusselman 13,799'	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 15,322' to 15,515'	No. 4, from to
No. 2, from 12,435' to 12,668'	No. 5, from to
No. 3, from to	No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet	None Encountered
No. 2, from to feet	
No. 3, from to feet	
No. 4, from to feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	369	369	Surface & Red Bed	9024	9024	105	Lime & Dolo Shale
369	1115	746	Red Bed & Shale	9129	9966	837	Lime & Shale
1115	1395	280	Red Bed & Anhy	9966	10353	387	Lime
1395	1710	315	Anhy	10353	10397	44	Lime & Shale
1710	2980	1270	Anhy & Salt	10397	10451	54	Lime, Shale & Sand
2980	3308	328	Anhy	10451	10584	133	Lime
3308	3450	142	Lime	10584	10755	171	Lime, Shale & Chert
3450	3600	150	Anhy & Lime	10755	11409	654	Lime & Shale
3600	3720	120	Lime	11409	11488	79	Lime
3720	4440	720	Lime & Anhy	11488	11535	47	Lime, Shale & Chert
4440	4706	266	Lime	11535	11573	38	Lime
4706	4920	214	Anhy & Lime	11573	11663	90	Lime, Shale & Chert
4920	5050	130	Lime	11663	11692	29	Lime
5050	5350	300	Anhy & Lime	11692	11884	192	Lime & Chert
5350	8757	3407	Lime & Dolo	11884	11954	70	Lime
8757	9024	267	Lime	11954	12005	51	Lime & Shale

OIL CONSERVATION DIV.

RECEIVED
AUG 7 1980