

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-4109
7. Unit Agreement Name	
8. Farm or Lease Name	Wallingford
9. Well No.	# 3
10. Field and Pool, or Wildcat	Maljamar
12. County	Lea

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator

ARROWHEAD OIL CORPORATION

4. Address of Operator

P.O. BOX 548, ARTESIA, NEW MEXICO 88210

5. Location of Well

TOWNSHIP LETTER C LOCATED 990 FEET FROM THE North LINE AND 2310 FEET FROM

West LINE OF SEC. 32 TWP. 17-S RGE. 32-E

6. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-21-81	3-28-81	4-28-81	3913' KB	3905' GL.

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled by	History Tools	Cable Tools
4301' KB	4275'		0-4301' KB		

24. Producing Interval(s), of this completion Log, Bottom, Name

4016'-4076'--San Andres

26. Type Electric and Other Logs Run

Gammas Ray Neutron Log

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 #	878'	12 1/4"	200 sacks	none
4 1/2"	11.6 #	4301'	7 7/8"	2000 sacks	none

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4085'	

28. Perforation Record (Interval, size and number)

4016'-20' (4 holes)
 4034'-38' (4 holes)
 4058'-62' (4holes)
 4072'-76' (4 holes)

29. ACID, SPOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4016'-4076'	Acidized 1500 gal. HCL
4016'-4076'	Fraced 20,000 # 20/40 sand

PRODUCTION

30. First Production	5-1-81	Production Method (Flowing, gas lift, pumping -- Size and type pump)	Pumping	Well Status (Prod. or Shut-in)	Producing
Date of Test	5-5-81	Hours Tested	24 hours	Choke Size	
Flowing Press.	none	Casing Pressure	45#	Calculated 24-Hour Rate	
Oil - Bbl.	30	Gas - MCF	54,000	Water - Bbl.	10
Oil Gravity - API (Corr.)	38.5				
Disposition of Gas (Sold, used for fuel, vented, etc.)	CONOCO, INC.				Test Witnessed by
					Mack Chase

31. List of Attachments

32. Logs and Deviation Survey

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 Secretary/treasurer

DATE June 8, 1981

INSTRUCTIONS

This form is to be filled 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 resistivity logs run in the well and a summary of all test results conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completion wells, 30 through 34 shall be reported for each zone. The form is to be filled to depth of the concept 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.....	T. Rutland Frontland.....	T. Penn. "C".....
B. Salt..... 2063'	T. Anoka.....	T. Pictured Cliffs.....	T. Penn. "D".....
T. Yates.....	T. Moss.....	T. Cliff House.....	T. Leadville.....
T. 7 River..... 2459'	T. Devonian.....	T. Mendocino.....	T. Madison.....
T. Queen..... 3209'	T. Silurian.....	T. Front Lookout.....	T. Elbert.....
T. Grayburg..... 3589'	T. Montoya.....	T. Mancos.....	T. M. Chalken.....
T. San Andres..... 3994'	T. Simpson.....	T. Gallup.....	T. Ignacio.....
T. Glorieta.....	T. M. Kee.....	Base Greenhorn.....	T. Granite.....
T. Paddeco.....	T. Ellenburger.....	T. Dakota.....	T.
T. Blinberry.....	T. Gr. Wash.....	T. Harrison.....	T.
T. Tebb.....	T. Granite.....	T. Tschida.....	T.
T. Drinkard.....	T. Delaware Sand.....	T. Entrada.....	T.
T. Abo.....	T. Bone Springs.....	T. Wingate.....	T.
T. Wolfcamp.....	T.	T. Charlie.....	T.
T. Penn.	T.	T. Permian.....	T.
T. Cisco (B.)	T.	T. Penn. "A".....	T.

OIL OR GAS SANDS OR ZONES

No. 1, from..... 4016'..... to..... 4020'.....	No. 4, from..... 4072'..... to..... 4076'.....
No. 2, from..... 4034'..... to..... 4038'.....	No. 5, from..... to.....
No. 3, from..... 4058'..... to..... 4062'.....	No. 6, from..... to.....

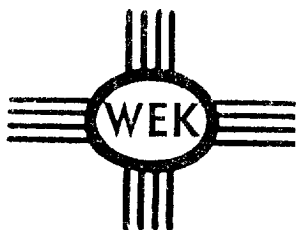
IMPORTANT WATER SANDS

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

No. 1, from..... to..... feet.....	
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	130	130	Sand	2840	2900	60	shale
130	900	770	red rock	2900	3030	130	sandy dolomite
900	1070	170	anhydrite	3030	3220	190	sandy shale
1070	2320	1250	anhydrite & salt	3220	3300	80	sandy anhydrite
2320	2350	30	anhydrite & shale	3300	3410	110	sandy shale
2350	2390	40	anhydrite	3410	3850	440	dolomite
2390	2410	20	shale	3850	3960	110	sandy dolomite
2410	2420	10	anhydrite	3960	4010	50	dolomite
2420	2430	10	dolomite	4010	4080	70	sandy dolomite
2430	2460	30	shale	4080	4150	70	dolomite
2460	2490	30	anhydrite & sand	4150	4180	30	sandy dolomite
2490	2510	20	anhydrite & shale	4180	4250	70	dolomite
2510	2650	140	shale & sand	4250	4301	51	sandy dolomite
2650	2710	60	anhydrite	4301			T.D.
2710	2790	80	sandy shale	4275			P.B.T.D.
2790	2840	50	anhydrite				



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONE: ARTESIA 505/746-6757
ROSWELL 505/623-5070

March 31, 1981

Arrowhead Oil Corp.
P.O. Box 548
Artesia, N.M. 88210

Re: Wallingford State #3

Gentlemen:

The following is a Deviation Suvey of the above well located in Lea County, New Mexico.

475' - 1/4 ^o	2735' - 3/4 ^o
878' - 1/2 ^o	3163' - 1/2 ^o
1355' - 3/4 ^o	3225' - 3/4 ^o
1808' - 3/4 ^o	3710' - 3/4 ^o
2270' - 3/4 ^o	4163' - 3/4 ^o
	4301' - 3/4 ^o T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk
Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 31st day
of March, 1981 by Arnold Newkirk.

My Commission Expires:

April 10, 1984

Glennida Sea Notary
Notary Public