

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in TRIPLICATE to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL	X	NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION (OTHER)		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

San Antonio 5, Texas

(Place)

April 26, 1956

(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the Chas. S. Alves, TrusteeArgo Oil Corporation

(Company or Operator)

Well No. 1 in D (Unit)NW 1/4 NW 7 of Sec. 19-S, T. 35-E, NMPM, Wildcat Pool

(40-acre Subdivision)

Lea County.FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Plans are to plug well with 50 sacks from approximately 6375-6500; 100 sacks from approximately 5875-6150; 30 sacks from approximately 4825-4900; 30 sacks from approximately 4550-4625; 30 sacks from approximately 3200-3275. To run Magnatector on 9 5/8" intermediate string and pull all possible. Estimated recovery of 1200'-1300'. Estimate further cement plugs to cover top of 9 5/8" intermediate string after pulled and approximately 30 sacks from a point approximately 300' to 350' and cement top of 13 3/8" of casing into cellar with approximately 10 or 15 sacks and erect required Commission monument.

Approved....., 19.....
Except as follows:Approved
OIL CONSERVATION COMMISSION

By.....

Title.....

hm

Argo Oil Corporation

(Company or Operator)

By.....

Position..... District Superintendent

Send Communications regarding well to:

Name..... R. I. SimonAddress..... 1728 Milan Building, San Antonio 5, Texas



LTR



Job separation sheet

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Argo Oil Corporation
(Company or Operator)

Chas. S. Alves, Trustee
(Lease)

Well No. 1, in NW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 7, T. 19-S, R. 35-E, NMPM.
Wildcat Pool, Lea County.
Well is 660 feet from North line and 660 feet from West line
of Section 7. If State Land the Oil and Gas Lease No. is -
Drilling Commenced March 10, 19 56 Drilling was Completed April 20, 19 56
Name of Drilling Contractor Pete Lonax Drilling Co., Inc.
Address 132 Petroleum Life Building, Midland, Texas
Elevation above sea level at Top of Tubing Head 3883/3894. The information given is to be kept confidential until
-, 19 -

OIL SANDS OR ZONES

No. 1, from None found productive to -
No. 2, from - to -
No. 3, from - to -
No. 4, from - to -
No. 5, 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 None tested to - feet.
No. 2, from - to - feet.
No. 3, from - to - feet.
No. 4, from - to - feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48	New	311.34	Baker	None	None	Surface
9 5/8"	36	New	3234.00	Baker	1104	None	Intermediate string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	327.34	100	Pump & Plug		
12 1/4"	9 5/8"	3248.00	300 8% Gel & 100 neat	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

None

Result of Production Stimulation -

Depth Cleaned Out -

REPORT OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 6510' T.D. feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Dry Hole, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy			T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt	3205 (+699)		T. Montoya		T. Farmington
T. Yates	3380 (+524)		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	4644 (-760)		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T. Permian	4914 (-1010)	T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
See attached log, core record and other data.							

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator Argo Oil Corporation Address 1728 Milan Building, San Antonio 5, Texas
Name R. I. Simon Position or Title District Superintendent
hm

ARGO OIL CORPORATION

CHAS. S. ALVES TRUSTEE WELL NO. 1

LOCATION: 660' NL and 660' WL of Section 7, Township 19-S, Range 35-E,
Lea County, New Mexico.

DRILLING COMMENCED: March 10, 1956

DRILLING COMPLETED: April 20, 1956

ELEVATION: 3883/3894'

CONTRACTOR: Pete Lomax Drilling Company, Inc., 132 Petroleum Life Building,
Midland, Texas

DRILLERS LOG:

0 - 11 kelly drive bushing
11 - 125 surface material, top water sand at 48', top red bed at 92'.
125 - 328 red bed

Ran and set 10 joints 13-3/8" surface casing set at 327.34' cemented with
400 sacks regular neat.

Tested casing with 1750# for 30 min. Tested O.K.

328 - 519 red bed
519 - 1080 red bed and red rock
1080 - 1435 red bed and anhydrite
1435 - 1663 anhydrite
1663 - 1825 red bed and anhydrite
1825 - 2040 anhydrite
2040 - 3228 salt and anhydrite
3228 - 3250 anhydrite

Ran Schlumberger electrical log to 3237' (driller 3250').

Ran and cemented 78 joints and one piece (3234.00') of 9-5/8" od casing
set at 3248.00' w/300 sacks cement plus 8% Gel. plus 100 sacks regular neat.

Ran temperature survey which indicated top of cement at 2030'.

Tested casing with 1000# for 30 min. Tested O.K.

3250 - 3610 anhydrite
3610 - 3695 anhydrite and sand
3695 - 3785 anhydrite and shale
3785 - 4410 anhydrite
4410 - 4513 anhydrite and dolomite
4513 - 4546 dolomite
4546 - 4660 anhydrite and dolomite

4660 - 4790 SEE CORE RECORD

4790 - 4797 lime and dolomite
4797 - 4885 dolomite

4885 - 4910 SEE CORE RECORD

1. The first part of the report is a general introduction to the project. It describes the purpose of the study and the objectives that were set at the beginning. It also provides a brief overview of the methods that were used to collect and analyze the data.

2. The second part of the report is a detailed description of the data that was collected. It includes information about the sample size, the demographic characteristics of the participants, and the specific measures that were used to assess the variables of interest.

3. The third part of the report presents the results of the data analysis. It includes a series of tables and figures that show the mean scores, standard deviations, and correlations between the different variables.

4. The fourth part of the report is a discussion of the findings. It interprets the results in light of the research hypotheses and compares them to the findings of previous studies.

5. The fifth part of the report is a conclusion. It summarizes the main findings of the study and discusses the implications for future research. It also includes a list of references to the sources that were consulted during the project.

6. The sixth part of the report is an appendix. It contains supplementary information that is not included in the main body of the report, such as raw data, additional tables, and a glossary of terms.

7. The seventh part of the report is a bibliography. It lists all of the sources that were cited in the report, including books, journal articles, and online resources.

8. The eighth part of the report is a list of figures. It provides a brief description of each figure and its location in the report.

9. The ninth part of the report is a list of tables. It provides a brief description of each table and its location in the report.

10. The tenth part of the report is a list of abbreviations. It defines the abbreviations that are used throughout the report to save space and avoid repetition.

11. The eleventh part of the report is a list of acronyms. It defines the acronyms that are used throughout the report to save space and avoid repetition.

12. The twelfth part of the report is a list of symbols. It defines the symbols that are used throughout the report to save space and avoid repetition.

13. The thirteenth part of the report is a list of footnotes. It provides additional information about the sources that were cited in the report.

DRILLERS LOG: (Continued)

4910 - 4917 dolomite
4917 - 4960 lime
4960 - 5025 lime and dolomite
5025 - 5050 lime

Ran DST No. 1

5050 - 5298 lime
5298 - 5319 lime and sand
5319 - 5355 lime
5355 - 5402 lime and dolomite
5402 - 5913 lime
5913 - 5946 lime and sand

Ran DST No. 2

5946 - 5971 SEE CORE RECORD

5971 - 6242 lime
6242 - 6251 sand
6251 - 6340 lime
6340 - 6358 sand
6358 - 6458 sand
6458 - 6510 lime

6510 - Total Depth

Ran Schlumberger ES log to 6513' (driller 6510'). Ran Gamma Ray, Neutron and MicroLog.

With D.P. hung at 6509' plugged back to 6379' with 50 sacks. With D.P. hung at 6150' plugged back to 5887' with 100 sacks. With D.P. hung at 4910' plugged back to 4831' with 30 sacks. With D.P. hung at 4625' plugged back to 4546' with 30 sacks. With D.P. hung at 3270' plugged back to 3191' with 30 sacks. Laid down 143 joints of D.P., removed blow-out preventor. Welded on to 9-5/8", removed slips out of bradenhead. Ran McCullough Magnatester found 9-5/8" casing stuck at 1140', partially stuck at 1116'. Cut 9-5/8" off at 1104'. Pulled out and recovered 1088.83' of 9-5/8" casing. With D.P. hung at 1124' plugged back to 1048' with 30 sacks. With D.P. hung at 335' plugged back to 298' with 30 sacks. Cemented top 13-3/8" casing and cellar with 10 sacks and erected required monument in cellar. Pits jetted dry.

1. The first of the two is a "copy" of the original document.

(10-11-80) : 10-11-80

01/01/01	01/01/01	01/01/01	01/01/01
01/01/01	01/01/01	01/01/01	01/01/01
01/01/01	01/01/01	01/01/01	01/01/01
01/01/01	01/01/01	01/01/01	01/01/01

0917

	encl	1958	-	100
house bus	encl	1957	-	100
	encl	1957	-	100
school bus	encl	1957	-	100
	encl	1957	-	100
house bus	encl	1957	-	100

5.04. 1941-3.2

[illegible]

acil	1000	-	1000
base	1000	-	1000
acil	1000	-	1000
base	1000	-	1000
acil	1000	-	1000
base	1000	-	1000
acil	1000	-	1000
base	1000	-	1000

negot. Info. - 100

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may want in color. The jacket has
marked top is 3/4" casing and collar with 1/2" casing and marked yellow
1 1/2" to 2" 30 socks. With 1 1/2" long at 35Y; changed back to 35Y with 30 socks.
removed 1 1/2" of 2-1/2" casing. With 1 1/2" long at 35Y; changed back to
4 1/2" casing, partially stuck at 35Y. Cut 2-1/2" off at 35Y. Collar and end
piece cut of Bradshaw. and McCallahan. Marked yellow 2-1/2" casing along
the bottom of 2-1/2" casing. removed low-cut prevention. Cased on to 2-1/2" removed
collar. With 1 1/2" long at 35Y; changed back to 35Y with 30 socks. Last worn
to 35Y with 30 socks. With 1 1/2" long at 35Y; changed back to 35Y with 30 socks.
With 1 1/2" long at 35Y; changed back to 35Y with 30 socks. With 1 1/2" long at 35Y; changed back to 35Y with 30 socks.

CORE RECORD:

4660 - 4685 Recovered 25'.

4660 - 4678 18' gray and red medium sandstone, anhydritic & w/some anhydrite inclusions, numerous frosted quartz grains (FQGS), tite.
4678 - 4679 1' gray, fine dolomite, trace sand & some pink anhydrite inclusions.
4679 - 4682 3' white to gray, translucent anhydrite w/some dolomite & gray sand.
4682 - 4685 3' gray, medium sandstone, highly anhydritic - tite.
4685 - 4715 Recovered 30'.

4685 - 4694 9' gray & red medium sandstone, anhydritic & anhydrite inclusions (91' - 93' silty), fair show oil - slight stain, fair fluorescence & good cut (4686.5 - 4687.5').
4694 - 4696 2' anhydrite, sandy.
4696 - 4698 2' gray, medium sandstone, dolomitic & anhydritic - tite.
4698 - 4700 2' light brown, fine dolomite w/traces thin asphaltic seams.
4700 - 4703 3' gray, medium sandstone, dolomitic w/some asphaltic inclusions.
4703 - 4708 5' light brown, fine dolomite, sandy & w/anhydrite inclusions.
4708 - 4711 3' anhydrite w/sand & dolomite inclusions.
4711 - 4712 1' gray, medium, dolomitic sandstone.
4712 - 4714 2' anhydrite.
4714 - 4715 1' gray, medium, anhydritic & dolomitic sandstone.

4715 - 4760 Recovered 45'.

4715 - 4716 1' anhydrite w/few gray sand inclusions.
4716 - 4717 1' green to gray dolomite, dense w/anhydrite inclusions.
4717 - 4718 1' anhydrite.
4718 - 4720 2' light brown, fine, dense dolomite.
4720 - 4725 5' anhydrite.
4725 - 4728 3 1/2' light brown, fine dolomite w/some anhydrite.
4728 1/2 - 4731 2 1/2' anhydrite.
4731 - 4732 1' anhydrite w/gray sand inclusions.
4732 - 4733 1' gray, medium dolomitic & anhydritic sandstone.
4733 - 4735 2' anhydrite w/very few small dolomite inclusions.
4735 - 4742 7' light brown, fine dolomite w/anhydrite inclusions & some minor asphaltic seams.
4742 - 4743 1' gray, fine, dolomitic sandstone.
4743 - 4744 1' anhydrite.
4744 - 4746 2' gray to brown, fine, dense, sandy dolomite.
4746 - 4747 1' anhydrite.
4747 - 4749 2' light brown, fine, dense dolomite.
4749 - 4752 3 1/2' anhydrite
4752 1/2 - 4753 1/2' light brown, fine dolomite.
4753 - 4755 2' gray, medium, dolomitic sandstone - tite.
4755 - 4757 2' light brown, fine, dense dolomite w/numerous phenocrysts.
4757 - 4760 3' gray, medium, dolomitic sandstone w/some anhydrite.

CORE RECORD: (Continued)

4760 - 4790 Recovered 29.5'.

- 4760 - 4761 1' gray, medium, dolomitic & anhydritic sandstone.
4761 - 4765½ ½' light brown, fine slightly sandy dolomite w/few anhydrite inclusions.
4765½ - 4767 1½' anhydrite w/few sandy dolomite inclusions.
4767 - 4767½ ½' light brown, fine slightly sandy dolomite.
4767½ - 4768 ½' gray, medium, dolomitic sandstone.
4768 - 4769 1' anhydrite.
4769 - 4769½ ½' light brown, fine, slightly sandy dolomite.
4769½ - 4770 ½' gray, medium, dolomite sandstone.
4770 - 4772 2' anhydrite w/dense, dolomite inclusions.
4772 - 4775 3' light brown to gray, fine, dense dolomite w/some anhydrite inclusions (few asphaltic seams).
4775 - 4776 1' anhydrite.
4776 - 4779 3' light brown to gray, fine, dense dolomite.
4779 - 4785 6' anhydrite w/few dolomite inclusions (80' - 82' sand inclusions).
4785 - 4787 2' gray, medium, dolomitic sandstone.
4787 - 4790 3' light brown, fine dolomite w/anhydrite laminations,

4885 - 4910 Recovered 25'.

- 4885 - 4888 3' light brown to gray, fine, dense dolomite w/few sand & anhydrite inclusions.
4888 - 4892 4' gray, fine, slightly sandy dolomite w/anhydrite inclusions.
4892 - 4893 1' anhydrite
4893 - 4895 2' light brown, gray, fine, dense, slightly sandy dolomite.
4895 - 4896 1' gray, medium, highly dolomitic sandstone.
4896 - 4897 1' anhydrite w/some dolomitic inclusions.
4897 - 4910 13' light brown to gray, fine, dense dolomite w/some anhydrite inclusions.

5946 - 5971 Recovered 25'.

- 5946 - 5951½ 5½' gray, medium to fine, dolomitic sandstone - tite. (5946-5947½') good odor on fresh break, faint spotted stain - good golden fluorescence - fair cut, fading when dry.
5951½ - 5956 4½' gray to light brown, fine crystalline, very sandy dolomite (40% sand) w/some small, scattered bluish-white chert inclusions and some white anhydrite inclusions.
5956 - 5963 7' gray, medium to fine, dolomitic sandstone - tite, w/some scattered chert & anhydrite inclusions.
5963 - 5971 8' gray, medium to fine, dolomitic sandstone - tite.

DRILL STEM TESTS:

DST No. 1: 1 hr 15 min. DST 4989 - 5050 w/Johnston bartype tool.

Page 5 - Chas. S. Alves Trustee Well No. 1

DRILL STEM TESTS: (Continued)

DST No. 1: (Continued)

Tool using one bobtail packer. Recovered 20' drilling mud.

BHFPI 80#
BHFPF 105#
BHSIP 105# (15 min.)

DST No. 2: 1 hr. 55 min. DST 5924 - 5946' w/1 Johnston bartype tool.
Weak blow when tool opened, died after 15 min. Recovered
210' drilling mud. (salt 43,000)

BHFPI 0#
BHFPF 0#
BHSIP 210# (15 min.)

VERTICAL SURVEYS: (Sure Shot)

300 - 3/4
500 - 3/4
850 - 3/4
1100 - 3/4
1800 - 1/2
2050 - 3/4
2250 - 3/4
2750 - 3/4
3200 - 1
3450 - 1/2
3675 - 1
3925 - 1-1/4
4200 - 1-1/4
4340 - 1
4925 - 3/4
5650 - 3/4
6150 - 1

