

Santa Fe, New Mexico

DECEMBER

NOV 4 1959

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 QUINTUPLICATE. If State Land submit 6 Copies

Whaley Company, Inc.
(Company or Operator)

N.M. State "A"
(1999)

Well No. 4-A, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 10, T. 11-S., R. 27-E. **NMPM**

Coyote Queen

Pool.

Chaves

County.

Well is 330 feet from South line and 2310 feet from East line

of Section 10 If State Land the Oil and Gas Lease No. is E-8731 - 400.00 acres

Drilling Commenced September 10th, 1959 Drilling was Completed September 13th, 1959

Name of Drilling Contractor.....Donnelly Drilling Company

Address..... P. O. Box 433, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head.....3732..... The information given is to be kept confidential until
November 5th.....19.59.....

OIL SANDS OR ZONES

No. 1, from 884 to 936 No. 4, from _____ to _____

No. 2, from.....to..... 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 None to feet

No. 2, from None to _____ feet

No. 3, from None to feet

No. 4, from None to feet

CASING RECORD

Casing Record							
Size	Weight per foot	New or Used	Amount	Kind of Shoe	Cut and Pulled From	Perforations	Purpose
95/8"	32#	New	173'	Float	-	-	Surface
7"	20#	New	950.10'	Float	-	-	Prod. 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
12 $\frac{1}{4}$ "	95/8"	173	100	Halliburton	-	-
83/4"	7"	962	150	Halliburton	-	-
2-3/8" Tubing		948'				

RECORD OF PRODUCTION AND STIMULATION

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

Dowell Sand Frac 775 barrels lease crude plus 76,000 pounds sand.

Result of Production Stimulation..... Flowed, swabbed, and pumped back load oil. Well made 26.44 barrels oil on 24 hour Pumping Test and No Water.

...Depth Cleaned Out.....962'

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

Rotary tools were used from 0 feet to 185 feet, and from 185 feet to 962 feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Put to Producing.....October 28th....., 1959

OIL WELL: The production during the first 24 hours was 26.44 barrels of liquid of which 100 % was oil; No % was emulsion; - % water; and - % was sediment. A.P.I. Gravity 36°

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

Well made only enough gas to
run pumping engine.

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

Northwestern New Mexico

T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	T. Montoya.....	T. Farmington.....
T. Yates.....105	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....207	T. McKee.....	T. Menefee.....
T. Queen.....707	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T.	T. Morrison.....
T. Drinkard.....	T.	T. Penn.....
T. Tubbs.....	T.	T.
T. Abo.....	T.	T.
T. Penn.....	T.	T.
T. Miss.....	T.	T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	105		Triassic				
105	207	102	Yates				
207	707	500	Seven Rivers				
707	962	185	Queen				

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.....Whaley Company, Inc.
Name.....William D. Morris

William D. Morris Nov. 3, 1959
(Date)
Address 1301-4 Continental Life Building
Fort Worth 2, Texas
Position or Title President

REQUEST FOR OIL - (GAS) ALLOWABLE

NOV 4 1959 New Well X
Completion

This form shall be filled in by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be duplicated and a duplicate to the same District Office to which Form C-101 was sent. The allowable will be assigned on the date of completion or recompletion, provided this form is filed during calendar month of completion. The completion date shall be that date in the case of an oil well when new oil is delivered into the casing. The well shall be completed on 15.025 psi at 60° Fahrenheit.

Fort Worth 2, Texas - 1301-4 Continental Life Building November 3rd, 1959
(Place) (Date)

WE ARE REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Whaley Company, Inc. N.M. State "A", Well No. 4-A, in SW 1/4 SE 1/4, "O" 10 11-S. 27-E., NMPM., Coyote Queen Pool

Chaves

Please indicate

D	C	B
E	F	G
L	K	J
M	N	O

330' S. - 2310' E.

Tubing, Casing and Cement

Size	Feet	Weight
9-5/8"	173'	100
7" OD	962'	150
2-3/8 OD	948	
Cemented both strings to surface.		

Date Drilled 9-10-59 Date Drilling Completed 9-13-59
Production 3732' Total Depth 962' PBD X
Perforations 886' to 894', 905' to 909', 911' to 917' and 927' to 936'
Casing Shoe 962' Depth Tubing 948'
Initial Prod. Test: - bbls. oil, - bbls. water in - hrs, - min. Size *
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 26.44 bbls. oil, No. bbls. water in 24 hrs, 0 min. Size *
* Pumping Well
Initial Prod. Test: X MCF/Day; Hours flowed Choke Size
Method of Testing (pitot, back pressure, etc.):
Test After Acid or Fracture Treatment: MCF/Day; Hours flowed
Choke Size Method of Testing:
Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 775 barrels lease crude oil and 76,000# sand
Casing 60# Tubing 20# Date first new 7:00 A.M. 10-28-59 to
Probe. 60# Date 20# oil run to tanks 7:00 A.M. 10-29-59
Oil Transporter McWood Corporation
Gas Transporter 701 V & J Tower Building - Midland, Texas

Remarks: Gas too small to measure. Oil for sand fracturing produced from Well 1-A and 3-A same lease. Amount 775 barrels and 76,000 # sand used.

I hereby certify that the data given above is true and complete to the best of my knowledge.

Approved

Whaley Company, Inc.

(Company or Operator)

By

William D. Morris
(Signature)

Title

President

Send Communications regarding well to:

Name

Whaley Company, Inc.

Address

1301-4 Continental Life Building
Fort Worth 2, Texas

OIL CONSERVATION COMMISSION

By

Title

OIL AND GAS INSPECTOR

OIL CONSERVATION COMMISSION		
ARIZONA DISTRICT OFFICE		
INVESTIGATION		
DATE: 10/1/50		
BY: [Signature]		
CHIEF OF BUREAU	✓	
STATE ENGINEER	✓	
REGISTRATION OFFICE	✓	
STATE LAND OFFICE		
U. S. G. S.		
TRANSPORTER		
FILE	1	✓
BUREAU OF MINES		

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

NOV 4 1959

Company or Operator Whaley Company, Inc. Lease N. M. State "A"

Well No. 4-A Unit Letter O S 10 T 11-S. R 27-E. Pool Coyote Queen

County Chaves Kind of Lease (State, Fed. or Patented) N. M. State

If well produces oil or condensate, give location of tanks: Unit I S 10 T 11-S. R 27-E.

Authorized Transporter of Oil or Condensate McWood Corporation

Address 701 V & J Tower Building, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas X

Address X Date Connected

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

This is a pumping well and makes only enough gas to run pumping engine.

Reasons for Filing: (Please check proper box) New Well N. M. State #4-A (X)

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

This is a 400 acre State Lease - N. M. State No. E-8731 and full description is: E/2 Section 10, SW/4 of SW/4 and NE/4 of SW/4 of Section 11, Twp. 11-South, Range 27-East, Chaves County, New Mexico and tank battery will serve entire Lease.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 3rd day of November 19 59

Whaley Company, Inc.

By William D. Morris

William D. Morris

Title President

Approved NOV 4 1959 19 59

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Company Whaley Company, Inc.

Address 1301-4 Continental Life Bldg.

Title Commissioner

Fort Worth 2, Texas

[illegible]

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-100
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

NOV 4 1959

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Whaley Company, Inc.	Address 1301-4 Continental Life Building Fort Worth 2, Texas				
Lease State "A"	Well No. 4-A	Unit Letter 0	Section 10	Township 11-S.	Range 27-E.
Date Work Performed 9-13-59	Pool Coyote Queen	County Chaves			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☒ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran 31 joints - 950.10' of 7" O.D. 20# J-55 API seamless casing with centralizers and super-seal cement float shoe. Hole was at 962' T.D. Cemented by Halliburton Oil Well Cementing Company with 150 sacks. Circulated cement to surface. Allowed to set 36 hours. Perforated casing with 4 shots per foot from 886' to 894', 905' to 909', 911' to 917' and 927' to 936'. Allowed well to stand for 12 hours. Tested a few gallons of oil and no water.

Witnessed by H. B. Phillips	Position Superintendent	Company Whaley Company, Inc.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved by <i>W. D. Morris</i>	Name <i>William D. Morris</i>
Title WELL AND GAS INSPECTOR	Position President
Date NOV 4 1959	Company Whaley Company, Inc.

Figure 1 is a schematic representation of the experimental design. It shows a sequence of three events: 'Stimulus', 'Response', and 'Reward'. The 'Stimulus' is represented by a face, the 'Response' by a button press, and the 'Reward' by a coin. The sequence is labeled 'Stimulus', 'Response', and 'Reward'.

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[illegible]

100

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Whaley Company, Inc. 1301-4 Continental Life Building Fort Worth 2, Texas
(Address)

NOV 4 1959

LEASE N.M. State "A" WELL NO. 4-A UNIT 10 T -11-S R -27-E
DATE WORK PERFORMED 9-10-59 POOL Coyote Queen - Chaves County, N.M.

This is a Report of: (Check appropriate block) ☒ Results of Test of Casing Shut-off and Cement Job
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☐ Other

Detailed account of work done, nature and quantity of materials used and results obtained.

Ran 6 joints - 173' of new 32.3#, 9-5/8" O.D., H-40, API seamless casing with regular cement guide shoe, Top of casing set 3' below surface. Hole was 182' deep. Had casing cemented by Halliburton Oil Well Cementing Company with 100 sacks cement, circulated cement to surface, allowed to set for 24 hours and then drilled plug, bailed hole dry and tested. Well showed no water.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		

Witnessed by H.B. Phillips, Superintendent

Whaley Company, Inc.

(Company)

OIL CONSERVATION COMMISSION

Name ML Armstrong
Title WELL AND GAS INSPECTOR
Date NOV 4 1959

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name William D. Morris
Position President

Company Whaley Company, Inc.

OIL CONSERVATION COMMISSION	
ARTERIA DISTRICT OFFICE	
No. Control District	2
Location of well	
Owner	
State	
County	
Section	
Range	
Township	
U. S. G. S.	
Latitude	
Longitude	

WHALEY COMPANY, INCORPORATED

CONTINENTAL LIFE BUILDING
FORT WORTH 2, TEXAS

WILLIAM D. MORRIS
PRESIDENT

November 3, 1959

OIL AND GAS PRODUCTION
TEXAS AND NEW MEXICO

RECEIVED

NOV 4 1959

New Mexico Oil Conservation Commission
207 Carper Building
Artesia, New Mexico

Attention: Mr. M. L. Armstrong,
Supervisor District No. 2

Re: Well Records
New Mexico State "A" Lease,
Well No. 4-A
Whaley Company, Inc.

Gentlemen:

We have recently completed and taken potential tests on our New Mexico State "A" Lease, Well No. 4-A, located 2310' from the East line and 330' from the South line of Section 10, Township 11-S, Range 27-E, Chaves County, New Mexico. The unit letter is "O". Potential tests were taken beginning at 7:00 A.M., October 28, 1959, and completed at 7:00 A.M., October 29, 1959. The well made 26.44 barrels of oil on pumping after having previously recovered all load oil used in sandfrac treatment.

We now enclose you herewith the following New Mexico Oil Conservation Commission forms in connection with this well:

1. Form C-103 - 3 copies - Miscellaneous Reports on Wells, showing running, cementing and testing of 9-5/8" surface casing.
2. Form C-103 - 3 copies - Miscellaneous Reports on Wells, showing running, cementing and testing 7" OD production casing.
3. Form C-105 - 6 copies - Well Record, showing well history, etc., on our New Mexico State "A" Lease, Well No. 4-A.
4. Form C-110 - 5 copies - Certificate of Compliance and Authorization to Transport Oil, Well No. 4-A.
5. Form C-104 - 4 copies - Request for Oil Allowable on New Well No. 4-A.

In this connection it seems we have had a great deal of trouble in getting these forms exactly right but we do know we have drilled, tested and completed this well in strict compliance with the rules and regulations of your Commission and the laws of New Mexico. Should you find minor obvious violations of your regulations in these reports, we will appreciate making the corrections in order not to delay the filing of the reports and the obtaining of an allowable for the well. Our telephone number is EDison 2-8867. You are authorized to make any minor corrections you think proper

RECEIVED

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Letter to: New Mexico Oil Conservation Commission
November 3, 1959

NOV 4 1959

in these reports without consulting us and if necessary call us collect on the telephone about it.

Yours respectfully,



William D. Morris

WDM:nl

Encls.

cc: H. B. Phillips, Superintendent
c/o Nickson Hotel
Roswell, New Mexico

H. B. Phillips, Superintendent
Whaley Company, Inc.
Box 925
Kermit, Texas

Frank Podpechan, Geologist
418 Hinkle Building
Roswell, New Mexico