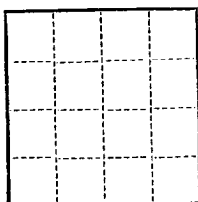


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SP 078580-4
Unit A/2 of Sec. 5



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 F Moore is located 11.55 ft. from [N] line and 850 ft. from [E] line of sec. 5
Sec. 5 (1/4 Sec. and Sec. No.) 31N (Twp.) 1E (Range) 107W (Meridian)
Blanco (Manzanita) (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. (Will be furnished later)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill with rotary tools using mud to base of Plastered Cliffs (Approx. 3,300') Set intermediate casing and drill with gas to base of Point Lookout (Approx. 5,500') and set production string of casing, perforate the Point Lookout, Manzanita & Blanco Cliff House. Sand water fracturing each of the above formations for gas completion thru the entire Man Verde section.

PROPOSED CASING PROGRAM

200'	of	10 1/4"	32.75'	Kelco-Mold Casing	- Cemented to Surface
3,300'	of	7 5/8"	26.40'	35 Casing	- Cemented w/ 200 mesh
2,300'	of	5 1/4"	14 #	35 Casing	- Cemented w/ 150 mesh (Liner)
5,500'	of	2" BB	7.75'	2-55 Tubing	

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Lehigh-Taylor Oil Corporation

Address P. O. Box 1175

Farmington, New Mexico

By J. M. Samuel

Title Dist. Supt.

NEW MEXICO
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date 4/26/56

Operator DELHI - TAYLOR OIL CORPORATION

Lease K. F. Moore

Well No. 1 Section 5 Township 30 NORTH Range 8 WEST, NMPM

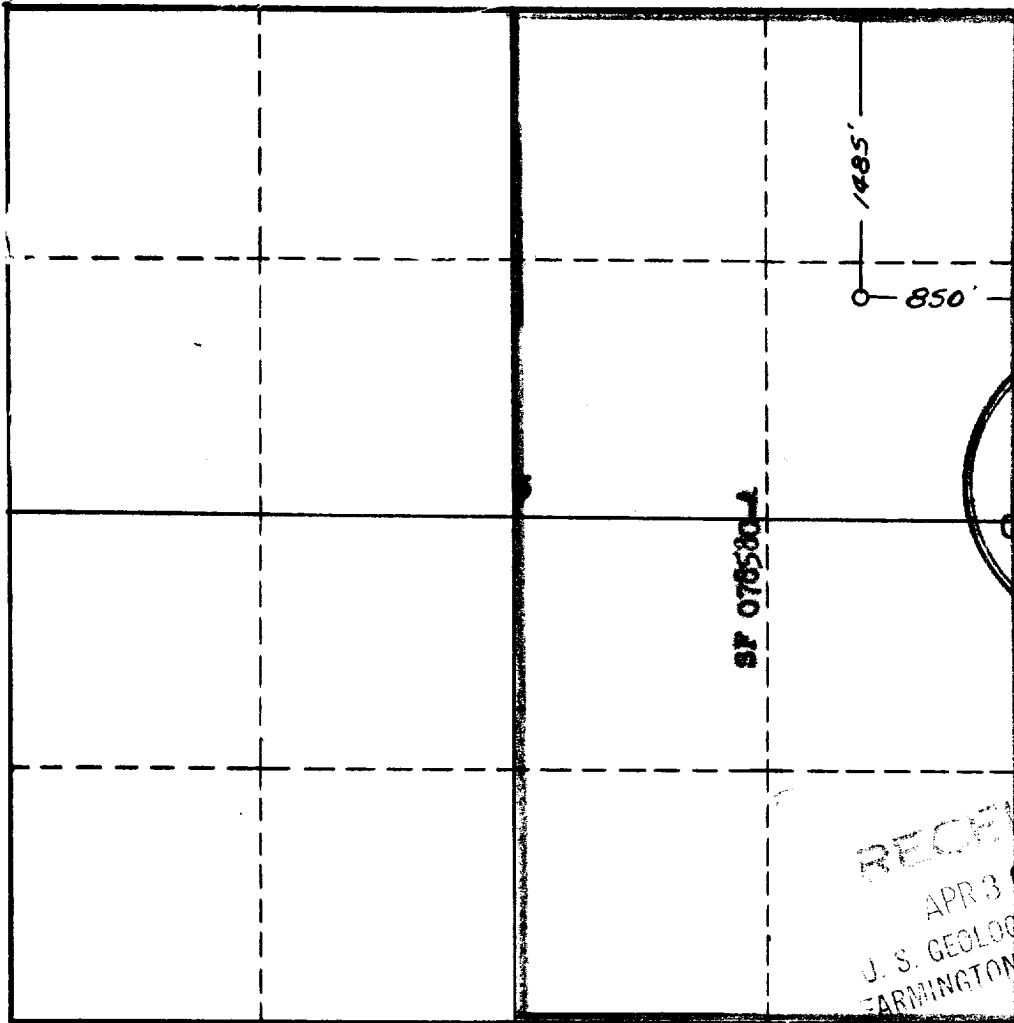
Located 1485 Feet From the NORTH Line, 850 Feet From the EAST Line,

SAN JUAN

County, New Mexico. G. L. Elevation _____

Name of Producing Formation Mesaville Pool Blanco Dedicated Acreage 320.46

(Note: All distances must be from outer boundaries of Section)



NOTE

This section of form is to be used for gas wells only.



SCALE: 1"=1000'

1. Is this Well a Dual Comp. ? Yes ___ No X.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes ___ No ___.

Name J. M. Moore
Position Dist. Supt.
Representing Delhi-Taylor Oil Corporation
Address Box 1175 Farmington, New Mexico

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 24 APRIL 1956
James P. Leese
Registered Professional Engineer and/or
Land Surveyor James P. Leese
N. Mex. Reg. No. 1463



COPY TO O.C.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 965
Farmington, New Mexico

April 30, 1956

Delhi-Taylor Oil Corporation
Box 1175
Farmington, New Mexico

Re: Santa Fe 078580-A

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated April 27, 1956 covering your well No. 4 K.F. Moore in NE $\frac{1}{4}$ sec. 5, T. 30 N., R. 8 W., N. M. P. M., San Juan County, New Mexico, Blanco pool.

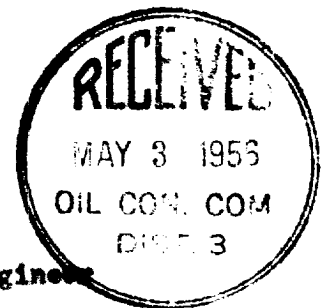
Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations as authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sgd.) J. W. LONG

Jerry W. Long
Acting District Engineer



JWLong:as

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



WASHINGTON, D. C.

1900

TO THE CHIEF OF BUREAU

FROM THE

CHIEF OF BUREAU

1900

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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

Company or Operator Delhi-Taylor Oil Corporation Lease K. F. Moore

Well No. 4 Unit Letter H S 5 T 30N R 8W Pool Blanco

County San Juan Kind of Lease (State, Fed. or Patented) Fed.

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate Southern Union Gathering Co.

Address Farmington, New Mexico
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Southern Union Gathering Co.

Address Farmington, New Mexico
(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:

Not connected as of May 31, 1956

Reasons for Filing: (Please check proper box) New Well (X)

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

Change in Ownership () Other ()

Remarks: (Give explanation below)

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

Executed this the 31st day of May 19 56

Approved JUN 4 1956 19 56

OIL CONSERVATION COMMISSION

By [Signature]

Title PETROLEUM ENGINEER DIST. NO. 3

By [Signature]

Title Dist. Supt.

Company Delhi-Taylor Oil Corporation

Address P. O. Box 1175

Farmington, New Mexico



OIL CONSERVATION COMMISSION

Approved: _____

No. Cont.

OIL CONSERVATION COMMISSION
ARTIFICIALLY
No. Corp.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
(Revised 7/1/52)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico May 31, 1956
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Delhi-Taylor Oil Corporation K. F. Moore, Well No. 4, in NE $\frac{1}{4}$ NE $\frac{1}{4}$,
(Company or Operator) (Lease)
H, Sec. 5, T. 30N, R. 8 W, NMPM, Blanco Pool
Unit Letter
San Juan County. Date Spudded May 4, 1956, Date Completed May 22, 1956

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

Elevation 6271 Total Depth 5486, P.B. 5450

Top oil/gas pay 4910 Name of Prod. Form Mesa Verde

Casing Perforations: 5414 to 4910 or

Depth to Casing shoe of Prod. String 5486

Natural Prod. Test..... BOPD

based on..... bbls. Oil in..... Hrs..... Mins.

Test after acid or shot..... BOPD

Based on..... bbls. Oil in..... Hrs..... Mins.

Gas Well Potential 15,639 MCF

Size choke in inches 3/4"

Date first oil run to tanks or gas to Transmission system Not connected as of 5/31/56

Transporter taking Oil or Gas: Southern Union Gathering Company

Casing and Cementing Record

Size Feet Sax

10 3/4"	123'	150
7 5/8"	3231'	150
5 1/2"	2310'	225 (Liner)
2" EUE	5398	

Remarks:

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

Approved JUN 4 1956, 19.....

OIL CONSERVATION COMMISSION

By: [Signature]

Title PETROLEUM ENGINEER DIST. NO. 3

Delhi-Taylor Oil Corporation
(Company or Operator)

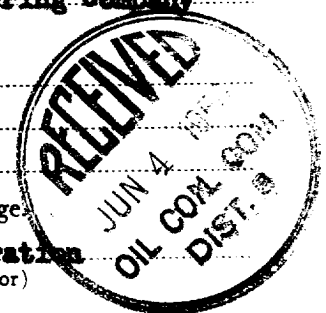
By: [Signature]
(Signature)

Title Dist. Supt.

Send Communications regarding well to:

Name P. O. Box 1175

Address Farmington, New Mexico



OIL CONSERVATION COMMISSION...

ADJACENT OFFICE

4. Copies Retained: 4

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthal and Whistler (1973). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthal and Whistler (1973). The total carotenoid content was determined by the method of Arar and Cook (1980). The total protein content was determined by the method of Lowry et al. (1951). The total lipid content was determined by the method of Bligh and Dyer (1959). The total carbohydrate content was determined by the method of Dubois and Gilles (1950). The total nucleic acid content was determined by the method of Burton (1956). The total ash content was determined by the method of AOAC (1990). The total moisture content was determined by the method of AOAC (1990). The total dry matter content was determined by the method of AOAC (1990). The total organic acid content was determined by the method of AOAC (1990). The total alkaloid content was determined by the method of AOAC (1990). The total saponin content was determined by the method of AOAC (1990). The total tannin content was determined by the method of AOAC (1990). The total flavonoid content was determined by the method of AOAC (1990). The total phenolic content was determined by the method of AOAC (1990). The total terpenoid content was determined by the method of AOAC (1990). The total steroid content was determined by the method of AOAC (1990). The total glycoside content was determined by the method of AOAC (1990). The total alkaloid content was determined by the method of AOAC (1990). The total saponin content was determined by the method of AOAC (1990). The total tannin content was determined by the method of AOAC (1990). The total flavonoid content was determined by the method of AOAC (1990). The total phenolic content was determined by the method of AOAC (1990). The total terpenoid content was determined by the method of AOAC (1990). The total steroid content was determined by the method of AOAC (1990). The total glycoside content was determined by the method of AOAC (1990).

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1. *Chlorophyll a* (Chl *a*)

1. *Phragmites australis* (Cav.) Trin. ex Steud.

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