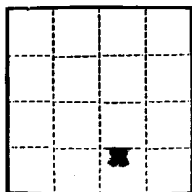


3-42535
1-Featherstone
1-Hesse
1-File

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 078391-1
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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)

April 7, 1958

Rebercom
Well No. 4 is located 660 ft. from S line and 1980 ft. from E line of sec. 23
36 1/2 32 1/2 sec 23 T 27 N R 13 W NMPN
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5960 ft.

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)

Amend plans to read 3-3/8" 24 1/2 J-55 csg cemented with 200 sz reg.
in place of 2-1/8" 12.30# 2-40 csg cemented with 200 sz reg.



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

Company Olen F. Featherstone
Val R. Hesse & Assoc., Inc.
Address 120 S. Commercial
Farmington, N.M.
By _____
Title Consulting Engineer

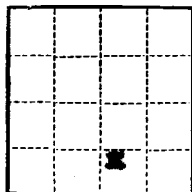
3-USES
1-Featherstone
1-Reese
1-file

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **078391-A**
Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	

Notice of Intention to Drill Deeper

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

April 22, 19**58**

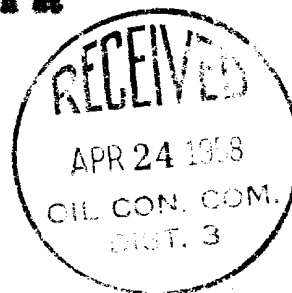
Well No. **4** is located **640** ft. from **AS** line and **1980** ft. from **E** line of sec. **25**
SW 1/4 Sec 25 **T 27 N** **R 13 W** **18TH**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground surface~~ **ground** above sea level is **5960** ft.

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)

Intends to deepen to test the Dakota formation at approximately 6000'.



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

Company **Olson F. Featherstone**
Address **Val R. Reese & Assoc., Inc.**
120 S. Commercial
Farmington, N.M.
By **Original signed by T. A. Dugan**
Title **Consulting Engineer**

3-uses
1-Featherstone
1-Reese
1-File

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **Santa Fe**
Lease No. **078391-1**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		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)

May 2, 1958

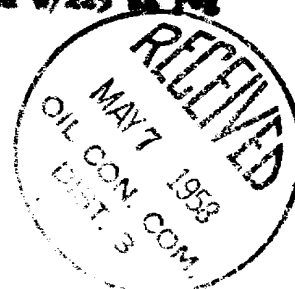
Well No. **4** is located **640** ft. from **NE** line and **1900** ft. from **E** line of sec. **25**
SW 1/4 Sec 25 **T 27 N R 13 W** **RPM**
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **San Juan** **New Mexico**
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derick head~~ **Ground** above sea level is **5960** ft.

DETAILS OF WORK

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

Drig 13-3/4" hole to 200' ran 6 jts 8-5/8" 24# J-55 csg set @ 198' RKB
 cemented w/200 sz reg POB 3 PM 4-9-58
 Drig 7-7/8" to 6,090 ran 5 1/2" csg set @ 6093' OL cemented w/225 sz reg
 POB 3 PM 4-27-58.



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

Company **Olen F. Featherstone**
 Address **Val R. Reese & Assoc., Inc.**
120 S. Commercial
Farmington, N.M.
 By **Original signed by T. A. Dugan**
 Title **Consulting Engineer**

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____
Lease No. _____
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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	SUBSEQUENT REPORT OF WELL

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

June 2 1950

Well No. <u>4</u> is located	<u>600</u> ft. from <u>[S]</u> line and	<u>1900</u> ft. from <u>[E]</u> line of sec. <u>23</u>
<u>SW 1/4 Sec. 23</u>	<u>T 27 N</u>	<u>R 13 W</u>
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)
<u>Undesignated</u>	<u>San Juan</u>	<u>New Mexico</u>
(Field)	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is 3960 ft.

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)

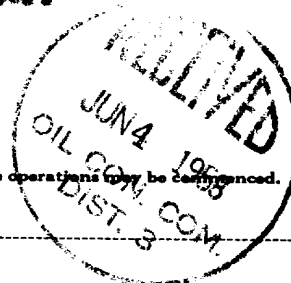
DEP #1 540-12301 TO 1114 WEN Lined increased to strong. For 930' and 270' SON, 140' IN A SON: DEP 26254, DEP 3304, WTS 5954 SIG/30 min 12554 26254.

DST #2 5249-5770' TO 1'45" blow air down increased to strong in 13" gas to surface 1'20" to small to measure. Recovered 720' ROOM INP 2950/ 18IP 9106/30 min TFP 3054 TFP 3154 3IP/30 min 15154 FHP 2950/.

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

Company Glen P. Featherstone
 Address Val E. House & Assoc., Inc.
120 S. Commercial
Farmington, New Mexico

By _____
Title **Consulting Engineer**



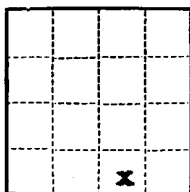
5-USGS
1-Feather stone
1-Reese
1-File

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. Q78391-A
Unit _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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	Frac	XX

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

June 2, 1958

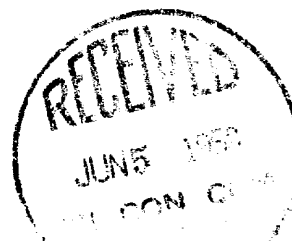
Well No. 4 is located 660 ft. from [X] line and 1990 ft. from [E] line of sec. 25
SW 1/4 SE 1/4 sec 25 T 27 N R 13 W NMPM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} or above sea level is 5960 ft.

DETAILS OF WORK

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

Perforate w/4 jets per foot 5886-5912 SWF w/40,000 gal water and 40,000#
 40-60-sd. BC 3300# IFP 2300# Ave 2800# Max 3100#, Used 65 rubber balls
 IR 34 BPM.



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

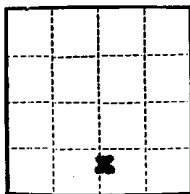
Company Olen F. Featherstone
 Address Val R. Reese & Assoc., Inc.
120 S. Commercial
Farmington, N.M.
 By _____
 Title Consulting Engineer

1-Access
1-Featherstone
1-File

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

Land Office June 2
Lease No. 07891-A
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 6 1958
U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		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)

June 2, 1958

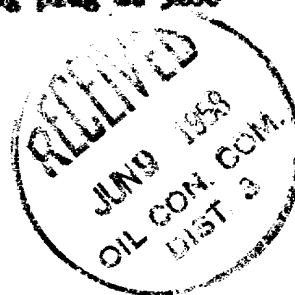
Well No. 4 is located 660 ft. from EN line and 1900 ft. from E line of sec. 25
SW 1/4 Sec 25 T 27 N R 13 W NMPN
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5760 ft.

DETAILS OF WORK

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

Propose to abandon Dakota formation. Spot 25 on cement and squeeze perforations from 5236-5712, set cast iron bridging plug at 5200' and test Gallup formation.



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

Company Olan F. Featherstone
Address Val E. Reese & Assoc., Inc.
220 S. Commercial
Farmington, New Mexico
By _____
Title Consulting Engineer

Original signed by T. A. Dugan

1-Resee
1-Featherstone
1-File

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Santa Fe

Land Office

078391-A

Lease No.

Unit

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

JUN 3 1958

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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	SUBSEQUENT REPORT OF PLUGGING BACK
NOTICE OF INTENTION TO ABANDON WELL	SUBSEQUENT REPORT OF PLUGGING BACK

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

June 3, 1958

Well No. **4** is located **660** ft. from **XS** line and **1900** ft. from **EW** line of sec. **25**
SW 1/4 Sec 25 **27N** **13W** **R4PM**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated **San Juan** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **3960** ft.

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)

Spot 25 cement and squeeze perforations 5846-5912. Set cast iron bridging plug at 5200'.

RECEIVED
JUN 9 1958

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

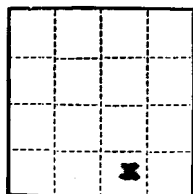
Company **Olen F. Featherstone**
Val R. Reese & Assoc., Inc.
Address **120 S. Commercial**
Farmington, New Mexico
Original signed by T. A. Dugan
By
Title **Consulting Engineer**

1-3303
1-2000
1-Featherstone
1-File

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. 078391-A
Unit _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

JUN 10 1958

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		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		<u>Free</u>	<u>XX</u>

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

June 3, 1958

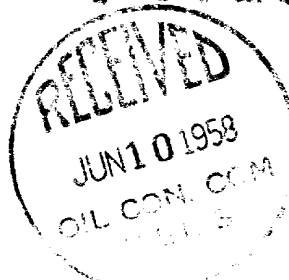
Well No. Roberson is located 660 ft. from S line and 1900 ft. from E line of sec. 25
SW 1/4 Sec 25 27N 13W NDPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground ~~surface~~ above sea level is 5960 ft.

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)

Perforate 5096-5128. Cemented 5 1/2" cas w/100 sz. non-perforate w/4 jets per foot 5096-5128 SGF w/40,000 gal crude & 40,000 gal 20-40 sd RD 2300#, Minimum treating pressure 1800# average 2100# IR 45 B/M.



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

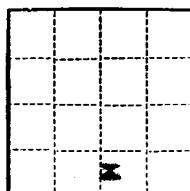
Company Olen F. Featherstone
Address Val R. Reese & Assoc., Inc.
120 S. Commercial
Farmington, N.M.
By _____
Title Consulting Engineer

5-3363
1-Reese
1-Featherstone
1-File

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 072391-A
Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	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.....	<u>Free</u> XX

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

June 5, 1958

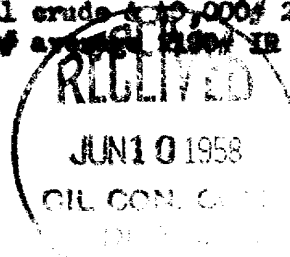
Leiberson
Well No. 4 is located 660 ft. from 100N line and 1980 ft. from E line of sec. 25
SW 1/4 Sec 25 27N 13W 100N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the ground ~~surface~~ above sea level is 5960 ft.

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)

Perforate 5096-5128. Reamed 5 1/2" cas w/100 sz. Reporforate w/4 jets per foot 5096-5128 SCF w/40,000 gal crude & 10,000 20-40 sd EL 2300#, Minimum treating pressure 1800# average 1900# IB 45 B/M.



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

Company Olen F. Featherstone
Address Val R. Reese & Assoc., Inc.
120 S. Commercial
Farmington, N.M.
By Charles H. Reed
Title Consulting Engineer

1-Featherstone
1-Reese
1-File

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

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 new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

July 1, 1958

(Place)

(Date)

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

O. F. Featherstone

Roberson

, Well No. 4, in SW $\frac{1}{4}$ SE $\frac{1}{4}$,

(Company or Operator)

(Lease)

0

Sec. 25

T. 27N

R. 13W

NMPM, Undesignated

Pool

San Juan

County San Juan Date Spudded 4-9-58

Date Drilling Completed 4-27-58

Please indicate location:

Elevation 5960 ft Total Depth 6040 PBTD 5200

Top Oil/Gas Pay _____ Name of Prod. Form. Gallup

PRODUCING INTERVAL -

Perforations 5086-5912 5096-5128

Open Hole _____ Depth _____ Depth _____
Casing Shoe _____ Tubing 5125

OIL WELL TEST -

Natural 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 Choke
load oil used): 15 bbls. oil, 0 bbls water in 24 hrs, 0 min. Size _____

GAS WELL TEST -

Natural Prod. Test: _____ 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): 40,000 gal crude 40,000# 20-40 sd

Casing _____ Tubing _____ Date first new
Press. _____ Press. _____ oil run to tanks June 28, 1958

Oil Transporter El Paso Natural Gas Products

Gas Transporter _____

Remarks: _____

I hereby certify that the information given above is true and complete to the best of my knowledge.
Approved JUL 3 1958, 19 _____ Olen F. Featherstone
(Company or Operator)

OIL CONSERVATION COMMISSION

Original Signed By

By: A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

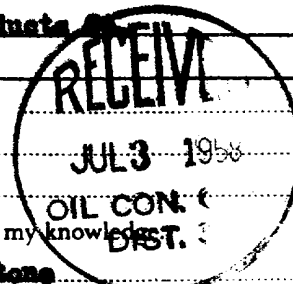
By: _____
(Signature)

Title Consulting Engineer

Send Communications regarding well to:

Name Val R. Reese & Assoc., Inc.

Address 120 S. Commercial
Farmington, New Mexico



1-Featherstone
1-Reese
1-File

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 G. F. Featherstone Lease Roberson

Well No. 4 Unit Letter O S 25 T 27N R 13W Pool Undesignated

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

If well produces oil or condensate, give location of tanks: Unit A S 36 T 27N R 13W

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Co.

Address Box 1565, Farmington, N.M.

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

Authorized Transporter of Gas _____

Address _____

(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:

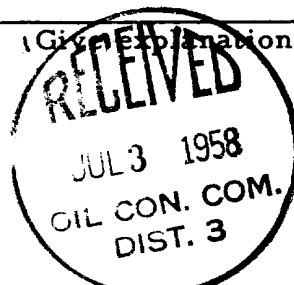
No market

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 2nd day of July 1958

By _____

Approved JUL 3 1958 1958

Title Consulting Engineer

OIL CONSERVATION COMMISSION

Company Val R. Reese & Assoc., Inc.

By A. R. KENDRICK

Address 120 S. Commercial

Title PETROLEUM ENGINEER DIST. NO. 3

Farmington, N.M.

1-Featherstone
1-Reese
1-FileBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE
SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

Santa Fe

078391-1

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED

JUL 2 1958

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company O. F. Featherstone Address Hinkle Bldg., Roswell, N.M.
Lessor or Tract Roberson Field Undesignated State New Mexico
Well No. 4 Sec. 25 T. 27N R. 13W Meridian NMPM County San Juan
Location 660 ft. N. of S Line and 1980 ft. E. of E Line of Sec 25 Elevation 5960 g1
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____ Original signed by T. A. Dugan

Date July 1, 1958Title Consulting Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-5 1958 Finished drilling 4-27 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5096 to 5128 No. 2, from _____ to _____

No. 3, from _____ to _____ No. 4, from _____ to _____

No. 5, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 2, from _____ to _____

No. 3, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From	To	
8-5/8	24	8R	CP&I	198'					Surface
									Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	198	200 sz	Pump plug		
5 1/2	6038	325 sz	Pump plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 6050 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 28, 1958The production for the first 24 hours was 15 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 39

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Formation Tops:
			Pic Cliffs 1261'
			Lewis 1520'
			Mesaverde 2108'
			Point Lookout 3792'
			Mancos 3998'
			Gallup 4867'
			Greenhorn 5715'
			Graneros 5773'
			Dakota 5884'

[OVER]

16-48094-4

FORMATION RECORD—CONTINUED

6041-
6042-
6043-
6044-

1990-1991, 1991-1992, 1992-1993, 1993-1994, 1994-1995, 1995-1996, 1996-1997, 1997-1998, 1998-1999, 1999-2000, 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018, 2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025, 2025-2026, 2026-2027, 2027-2028, 2028-2029, 2029-2030, 2030-2031, 2031-2032, 2032-2033, 2033-2034, 2034-2035, 2035-2036, 2036-2037, 2037-2038, 2038-2039, 2039-2040, 2040-2041, 2041-2042, 2042-2043, 2043-2044, 2044-2045, 2045-2046, 2046-2047, 2047-2048, 2048-2049, 2049-2050, 2050-2051, 2051-2052, 2052-2053, 2053-2054, 2054-2055, 2055-2056, 2056-2057, 2057-2058, 2058-2059, 2059-2060, 2060-2061, 2061-2062, 2062-2063, 2063-2064, 2064-2065, 2065-2066, 2066-2067, 2067-2068, 2068-2069, 2069-2070, 2070-2071, 2071-2072, 2072-2073, 2073-2074, 2074-2075, 2075-2076, 2076-2077, 2077-2078, 2078-2079, 2079-2080, 2080-2081, 2081-2082, 2082-2083, 2083-2084, 2084-2085, 2085-2086, 2086-2087, 2087-2088, 2088-2089, 2089-2090, 2090-2091, 2091-2092, 2092-2093, 2093-2094, 2094-2095, 2095-2096, 2096-2097, 2097-2098, 2098-2099, 2099-2100, 2100-2101, 2101-2102, 2102-2103, 2103-2104, 2104-2105, 2105-2106, 2106-2107, 2107-2108, 2108-2109, 2109-2110, 2110-2111, 2111-2112, 2112-2113, 2113-2114, 2114-2115, 2115-2116, 2116-2117, 2117-2118, 2118-2119, 2119-2120, 2120-2121, 2121-2122, 2122-2123, 2123-2124, 2124-2125, 2125-2126, 2126-2127, 2127-2128, 2128-2129, 2129-2130, 2130-2131, 2131-2132, 2132-2133, 2133-2134, 2134-2135, 2135-2136, 2136-2137, 2137-2138, 2138-2139, 2139-2140, 2140-2141, 2141-2142, 2142-2143, 2143-2144, 2144-2145, 2145-2146, 2146-2147, 2147-2148, 2148-2149, 2149-2150, 2150-2151, 2151-2152, 2152-2153, 2153-2154, 2154-2155, 2155-2156, 2156-2157, 2157-2158, 2158-2159, 2159-2160, 2160-2161, 2161-2162, 2162-2163, 2163-2164, 2164-2165, 2165-2166, 2166-2167, 2167-2168, 2168-2169, 2169-2170, 2170-2171, 2171-2172, 2172-2173, 2173-2174, 2174-2175, 2175-2176, 2176-2177, 2177-2178, 2178-2179, 2179-2180, 2180-2181, 2181-2182, 2182-2183, 2183-2184, 2184-2185, 2185-2186, 2186-2187, 2187-2188, 2188-2189, 2189-2190, 2190-2191, 2191-2192, 2192-2193, 2193-2194, 2194-2195, 2195-2196, 2196-2197, 2197-2198, 2198-2199, 2199-2200, 2200-2201, 2201-2202, 2202-2203, 2203-2204, 2204-2205, 2205-2206, 2206-2207, 2207-2208, 2208-2209, 2209-2210, 2210-2211, 2211-2212, 2212-2213, 2213-2214, 2214-2215, 2215-2216, 2216-2217, 2217-2218, 2218-2219, 2219-2220, 2220-2221, 2221-2222, 2222-2223, 2223-2224, 2224-2225, 2225-2226, 2226-2227, 2227-2228, 2228-2229, 2229-2230, 2230-2231, 2231-2232, 2232-2233, 2233-2234, 2234-2235, 2235-2236, 2236-2237, 2237-2238, 2238-2239, 2239-2240, 2240-2241, 2241-2242, 2242-2243, 2243-2244, 2244-2245, 2245-2246, 2246-2247, 2247-2248, 2248-2249, 2249-2250, 2250-2251, 2251-2252, 2252-2253, 2253-2254, 2254-2255, 2255-2256, 2256-2257, 2257-2258, 2258-2259, 2259-2260, 2260-2261, 2261-2262, 2262-2263, 2263-2264, 2264-2265, 2265-2266, 2266-2267, 2267-2268, 2268-2269, 2269-2270, 2270-2271, 2271-2272, 2272-2273, 2273-2274, 2274-2275, 2275-2276, 2276-2277, 2277-2278, 2278-2279, 2279-2280, 2280-2281, 2281-2282, 2282-2283, 2283-2284, 2284-2285, 2285-2286, 2286-2287, 2287-2288, 2288-2289, 2289-2290, 2290-2291, 2291-2292, 2292-2293, 2293-2294, 2294-2295, 2295-2296, 2296-2297, 2297-2298, 2298-2299, 2299-2300, 2300-2301, 2301-2302, 2302-2303, 2303-2304, 2304-2305, 2305-2306, 2306-2307, 2307-2308, 2308-2309, 2309-2310, 2310-2311, 2311-2312, 2312-2313, 2313-2314, 2314-2315, 2315-2316, 2316-2317, 2317-2318, 2318-2319, 2319-2320, 2320-2321, 2321-2322, 2322-2323, 2323-2324, 2324-2325, 2325-2326, 2326-2327, 2327-2328, 2328-2329, 2329-2330, 2330-2331, 2331-2332, 2332-2333, 2333-2334, 2334-2335, 2335-2336, 2336-2337, 2337-2338, 2338-2339, 2339-2340, 2340-2341, 2341-2342, 2342-2343, 2343-2344, 2344-2345, 2345-2346, 2346-2347, 2347-2348, 2348-2349, 2349-2350, 2350-2351, 2351-2352, 2352-2353, 2353-2354, 2354-2355, 2355-2356, 2356-2357, 2357-2358, 2358-2359, 2359-2360, 2360-2361, 2361-2362, 23

60. 1996

$$g_{\text{eff}}(\mathbf{r}, \mathbf{r}') = \mathcal{V}_{\text{eff}}(\mathbf{r}, \mathbf{r}') + \mathcal{V}_{\text{eff}}(\mathbf{r}', \mathbf{r})$$

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SETATE DETAMU

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

[illegible]

LOG OF OIL OR GAS WELL

YJTCARMOG JUNE 1945:

[illegible]

Examination No. _____ of _____ Time and _____
 Well No. _____ T. R. _____ Attention
 Location of Trial _____ Field _____ State _____
 Address _____ City _____ State _____

The information given herewith is a complete and correct record of the work and all work done thereon in far as can be obtained from all available records.

Page 10

[illegible]

ping at 5200'.
 (Don't use for G)
 Recommended 506-5128

SA. BU 3500# ITH 2500# VAC 2800# MAX 1000# USED 65 HS IN 30 BPM.

Perforated w/ 4 jets per foot 5586-5912 SW 1/4, 70,000 gal w/ 70,000 #000 07-09-07

USI # 2 387-3910 TO I HT 65 MTH BLOW OF AIR LIMITED INCREASED TO STRONG IN 15 MIN
OTS IN 15 MIN ISLN: RECOVERED 720/ HOD:IMP 2950# ISIP 910# 30 min IFF 3054
RFP 315# SIP/30min 1415# IMP 2950#

270 SOCK, 100' HO & OCM; RHP 2625# LTO 130" WRP 555# SIP/30 MTH 1255# RHP 2625#

100-368617-101

with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was sidetracked, or left in the well, state its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing of shots.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD			
Time	Material	Method used	Amount of mud used
11:00	100	100	100
12:00	100	100	100
13:00	100	100	100
14:00	100	100	100
15:00	100	100	100
16:00	100	100	100
17:00	100	100	100
18:00	100	100	100
19:00	100	100	100
20:00	100	100	100
21:00	100	100	100
22:00	100	100	100
23:00	100	100	100
24:00	100	100	100
25:00	100	100	100
26:00	100	100	100
27:00	100	100	100
28:00	100	100	100
29:00	100	100	100
30:00	100	100	100
31:00	100	100	100
32:00	100	100	100
33:00	100	100	100
34:00	100	100	100
35:00	100	100	100
36:00	100	100	100
37:00	100	100	100
38:00	100	100	100
39:00	100	100	100
40:00	100	100	100
41:00	100	100	100
42:00	100	100	100
43:00	100	100	100
44:00	100	100	100
45:00	100	100	100
46:00	100	100	100
47:00	100	100	100
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96:00	100	100	100
97:00	100	100	100
98:00	100	100	100
99:00	100	100	100
100:00	100	100	100

SHOOTING RECORD			
Time	Material	Method used	Amount of mud used
11:00	100	100	100
12:00	100	100	100
13:00	100	100	100
14:00	100	100	100
15:00	100	100	100
16:00	100	100	100
17:00	100	100	100
18:00	100	100	100
19:00	100	100	100
20:00	100	100	100
21:00	100	100	100
22:00	100	100	100
23:00	100	100	100
24:00	100	100	100
25:00	100	100	100
26:00	100	100	100
27:00	100	100	100
28:00	100	100	100
29:00	100	100	100
30:00	100	100	100
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87:00	100	100	100
88:00	100	100	100
89:00	100	100	100
90:00	100	100	100
91:00	100	100	100
92:00	100	100	100
93:00	100	100	100
94:00	100	100	100
95:00	100	100	100
96:00	100	100	100
97:00	100	100	100
98:00	100	100	100
99:00	100	100	100
100:00	100	100	100

FORMATION RECORD			
Time	Material	Method used	Amount of mud used
11:00	100	100	100
12:00	100	100	100
13:00	100	100	100
14:00	100	100	100
15:00	100	100	100
16:00	100	100	100
17:00	100	100	100
18:00	100	100	100
19:00	100	100	100
20:00	100	100	100
21:00	100	100	100
22:00	100	100	100
23:00	100	100	100
24:00	100	100	100
25:00	100	100	100
26:00	100	100	100
27:00	100	100	100
28:00	100	100	100
29:00	100	100	100
30:00	100	100	100
31:00	100	100	100
32:00	100	100	100
33:00	100	100	100
34:00	100	100	100
35:00	100	100	100
36:00	100	100	100
37:00	100	100	100
38:00	100	100	100
39:00	100	100	100
40:00	100	100	100
41:00	100	100	100
42:00	100	100	100
43:00	100	100	100
44:00	100	100	100
45:00	100	100	100
46:00	100	100	100
47:00	100	100	100
48:00	100	100	100
49:00	100	100	100
50:00	100	100	100
51:00	100	100	100
52:00	100	100	100
53:00	100	100	100
54:00	100	100	100
55:00	100	100	100
56:00	100	100	100
57:00	100	100	100
58:00	100	100	100
59:00	100	100	100
60:00	100	100	100
61:00	100	100	100
62:00	100	100	100
63:00	100	100	100
64:00	100	100	100
65:00	100	100	100
66:00	100	100	100
67:00	100	100	100
68:00	100	100	100
69:00	100	100	100
70:00	100	100	100
71:00	100	100	100
72:00	100	100	100
73:00	100	100	100
74:00	100	100	100
75:00	100	100	100
76:00	100	100	100
77:00	100	100	100
78:00	100	100	100
79:00	100	100	100
80:00	100	100	100
81:00	100	100	100
82:00	100	100	100
83:00	100	100	100
84:00	100	100	100
85:00	100	100	100
86:00	100	100	100
87:00	100	100	100
88:00	100	100	100
89:00	100	100	100
90:00	100	100	100
91:00	100	100	100
92:00	100	100	100
93:00	100	100	100
94:00	100	100	100
95:00	100	100	100
96:00	100	100	100
97:00	100	100	100
98:00	100	100	100
99:00	100	100	100
100:00	100	100	100