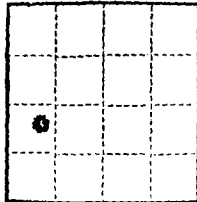


CENTRAL TOTAH UNIT #19
L-34-29N-13W
30-045-07665

| | |
|------------------------|----|
| CENTRAL TOTAH UNIT #19 | |
| CCD | 1E |
| 11917 | |

ILLEGIBLE

Form 9-881a
(Feb. 1961)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R368.4
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. 87-072065
Unit Regoed

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)

November 18, 1960

Well No. 12-3 is located 2070 ft. from S line and 910 ft. from W line of sec. 3
8 1/2, Section 3 2-29N 8-13E 12-24W
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Total Galing San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5604 ft. (Ground Elevation)

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:

Set 320 feet of 8 5/8" surface casing and cement to surface.

Drill with rotary to approximate total depth of 5050 feet or through Galing formation. Set 3/8" production casing at total depth and cement with 150 ex. Set two-stage cement collar approximately 100 feet below the Pictured Cliffs formation. Cement the second stage with 150 ex.

Perforate Galing formation with four shots per foot. Sand-oil frac with approximately 50,000/ sand and 50,000 gals oil. Run 2 1/8" tubing.

40/24, 40 acres, section 3 dedicated to well.

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

Company Astco Oil and Gas Company

Address P. O. Drawer 570
Wilmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON
By Joe C. Salmon
District Superintendent
Title _____

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date November 2, 1960

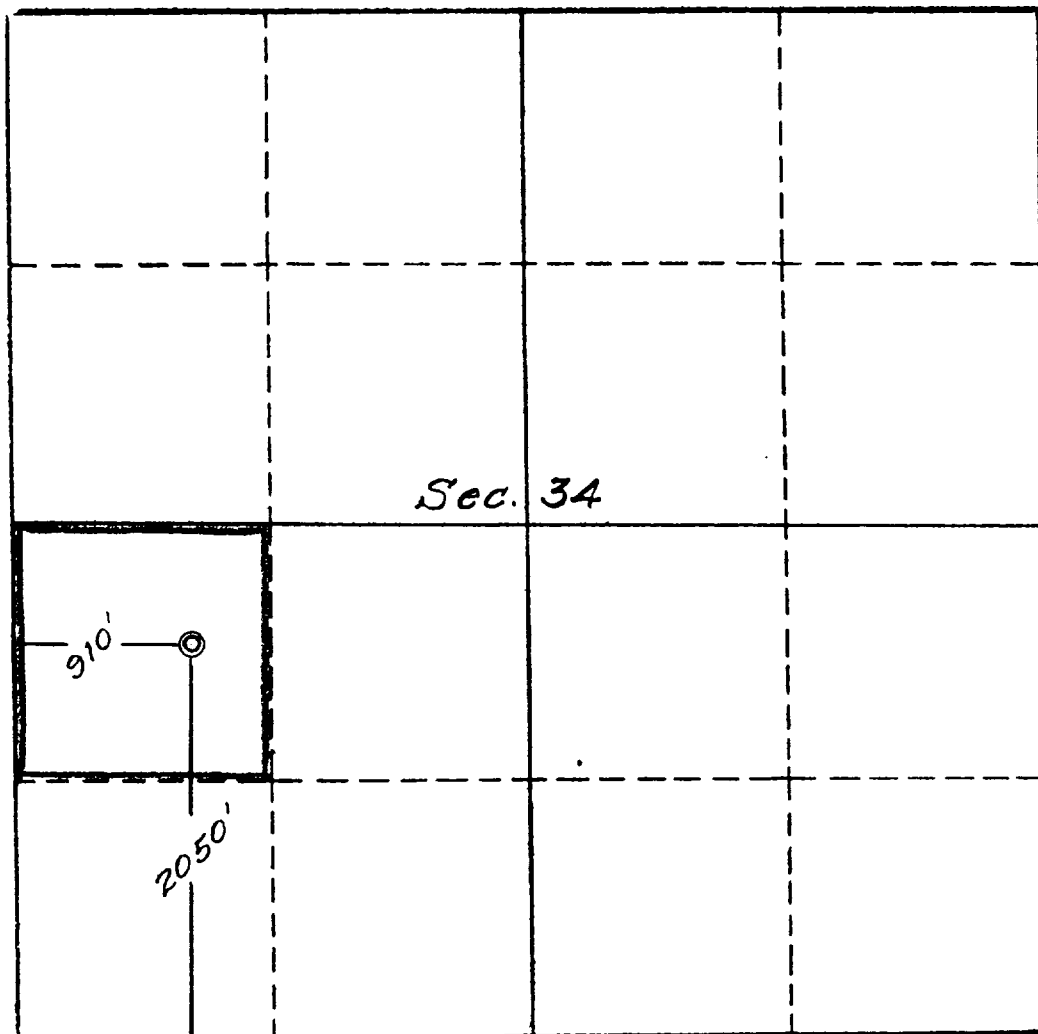
Operator Aztec Oil and Gas Company Lease Hagood
Well No. 12-G Unit Letter L Section 34 Township 29N Range 13W NMPM
Located 910 Feet From West Line, 2050 Feet From South Line
County San Juan G. L. Elevation 5804 Dedicated Acreage 40 Acre
Name of Producing Formation Gallup Pool Total

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes XX No _____
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "Yes," Type of Consolidation _____
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESIGNATION

SECTION B.



This is to certify that the information in Section A above, is true and complete to the best of my knowledge and belief.

Aztec Oil and Gas Company
(OPERATOR)

ORIGINAL SIGNED BY JOE O. SALMON
(REPRESENTATIVE)

Drawer 570, Farmington, N.M.
(ADDRESS)

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 10-18-60

Four States Engineering Co.
FARMINGTON, NEW MEXICO

E. J. Cochran
REGISTERED ENGINEER OR
LAND SURVEYOR



Certificate No. 1545

ILLEGIBLE

Form 9-381a
(Feb. 1961)

| | | | |
|---|--|--|--|
| | | | |
| | | | |
| 0 | | | |
| | | | |

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. ST 079065
Unit Magood

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

U. S. GEOLOGICAL SURVEY
SARASOTA, NEW MEXICO

December 14, 1960

Magood
Well No. 12-G is located 2050 ft. from S line and 910 ft. from W line of sec. 34
SW 1/4 Section 34 T-29N R-13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Totah Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5804 ft. G.L.

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)

Spudded well 12/12/60
Set 10 jts., 301' of 8 5/8" casing, landed at 312' with 225 sacks cement
Tested with 500# pressure for 30 minutes.
No leaks.
Drilled cement plug 12/14/60
Tested with 500# pressure for 30 minutes.
No drop in pressure.

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

Company Artec Oil and Gas Company
Address Drawer # 270,
Farmington, New Mexico
By ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon
Title District Superintendent

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 Astec Oil and Gas Company Lease Hagood

Well No. 12-0 Unit Letter L S 34 T 29N R 13W Pool Totah Gallup

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 El Paso Natural Gas Products Company

Address Box # 1161, El Paso, Texas. (via Luna-Eaves Trucking Co.)

(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:

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

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 3rd day of January 19 61

By ORIGINAL SIGNED BY JOE C. SALMON
Joe C. Salmon

Approved JAN 1961 19 61 Title District Superintendent

OIL CONSERVATION COMMISSION

Company Astec Oil and Gas Company

By _____ Address Drawer # 570, Farmington, New Me:

Title Superintendent

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
(Place)

January 3, 1961
(Date)

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

Astec Oil and Gas Company Hagood, Well No. 12-G, in SW $\frac{1}{4}$ $\frac{1}{4}$,
(Company or Operator) (Lease)

L, Sec. 34, T. 29N, R. 13W, NMPM., Total Gallup Pool
Unit Letter

San Juan

County. Date Spudded 12/12/60 Date Drilling Completed 12/21/60
Elevation 5804 O.L. Total Depth 5662 PBD 5660

Please indicate location:

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

Top Oil/Gas Pay 5823 Name of Prod. Form. Gallup

PRODUCING INTERVAL -

Perforations 5544-5560, 5588-5596 with 6 shots per foot
Open Hole _____ Depth _____
Casing Shoe 5660 Tubing 5536

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls. water in _____ hrs, _____ min. Choke Size _____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 236.59 bbls. oil, 0 bbls. water in 24 hrs, -- min. Choke Size 20/64"

GAS WELL TEST -

Natural Prod. Test: _____ MCF/Day; Hours flowed _____ Choke Size _____

Tubing, Casing and Cementing Record

| Size | Feet | Sax |
|--------------|-------------|-------------|
| <u>8 5/8</u> | <u>312</u> | <u>225</u> |
| <u>4 1/2</u> | <u>5660</u> | <u>400</u> |
| <u>2 3/8</u> | <u>5556</u> | <u>----</u> |
| | | |

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): Sand-Oil fraced with 30,000# sand and 971 Bbls. oil,
Casing _____ Tubing _____ Date first new _____ flushed with 191 B
Press. _____ Press. _____ oil run to tanks 1/2/61 oi.

Oil Transporter El Paso Natural Gas Products Co. (via Luna Eaves)

Gas Transporter _____

Remarks: _____

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

Approved January 3 JAN 5 1961, 19 61 Astec Oil and Gas Company
(Company or Operator)

OIL CONSERVATION COMMISSION

By: _____ ORIGINAL SIGNED BY JOE C. SALMON
(Signature) Joe C. Salmon

By: _____ Title District Superintendent
Send Communications regarding well to:

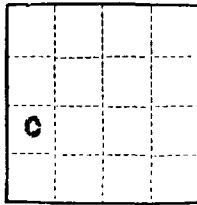
Title _____ Name Astec Oil and Gas Company

Address Drawer # 570, Farmington, New Mexico

ILLEGIBLE

Form 9-381a
(Feb. 1951)

Budget Bureau No. 42-R368.4.
Approval expires 12-31-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 52 079065
Unit Regood

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)

December 30, 1960

Regood

Well No. 12-4 is located 2050 ft. from S line and 910 ft. from W line of sec. 34

SW 1/4 Section 34
(1/4 Sec. and Sec. No.)

T-29N
(Twp.)

R-13E
(Range)

S.M.P.M.
(Meridian)

Totah Valley
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5804 ft. O.L.

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)

P.S. P.D. - 5650'

Sand-oil fraced with 30,000# sand and 971 Bbls. oil, flushed with 191 bbls. oil.

Breakdown pressure - 1400#

Maximum - 2600#

Avg. circulating pr. - 2300#

I.R. - 33.8 bps

dropped 10 rubber ball sealers

5-min. shut-in - 200#

Ran 179 jts., 5546' of 2 3/8" tubing, landed at 5556'

Perforated nipple - 5522-5525

Flowing through tubing.

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

Company Asten Oil and Gas Company

Address Drawer # 570

Farmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON
By Joe C. Salmon

Title District Superintendent

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079065
LEASE OR PERMIT TO PROSPECT Bagood

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Oil and Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract Hagood Field Total Gallup State New Mexico
Well No. 12-G Sec. 34 T. 29N R. 13W Meridian N.M.P.M. County San Juan
Location _____ ft. $\left. \begin{array}{c} \text{N.} \\ \text{S.} \end{array} \right\}$ of _____ Line and _____ ft. $\left. \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$ of _____ Line of _____ Elevation _____
(Metric: feet 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. ORIGINAL SIGNED BY JOE C. SALMON

Date January 10, 1961 Signed _____ Title Joe C. Salmon
District Superintendent

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

Commenced drilling 12/12/60, 1960 Finished drilling 12/21/60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5544 to 5560 No. 4, from _____ to _____
 No. 2, from 5588 to 5596 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8 5/8 | 312 | 225 | displacement | | |
| 4 1/2 | 5660 | 400 | two plug | | |
| 2 3/8 | 5556 | | | | |

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 |
|---|------------|----------------|----------|------|------------|-------------------|
| Sand-Oil fraced with 30,000# sand and 971 Bbls. oil, flushed with 191 Bbls. oil. Breakdown pr. - 1400#, Maximum - 2600#, Avg. treating pr. - 2300#, I.R. 33.2 bps dropped 50 rubber ball sealers. 5-min. shut-in - 900# | | | | | | |

TOOLS USED

Rotary tools were used from 0 feet to 5662 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 5660 feet, and from _____ feet to _____ feet

! DATES

| | |
|----------------|---|
| 19 | Put to producing <u>1/2/61</u> 19 |
|----------------|---|

The production for the first 24 hours was 236.59 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. _____

Tf = 1000 ft per 24 hours

Gallons gasoline per 1,000 cu. ft. of gas

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

[illegible]

| Size casing | Where set | Number sacks of cement | Method used | Mud gravity | Amount of mud used |
|-------------|-----------|------------------------|--------------|-------------|--------------------|
| 8 5/8 | 312 | 225 | displacement | | |
| 4 1/2 | 5660 | 400 | two plug | | |
| 2 3/8 | 5556 | --- | | | |
| | | | | | |

SHOOTING RECORD

TOOLS USED

DATES

Rock pressure, lbs. per sq. in. -----

_____, Driller _____, Driller
_____, Driller _____, Driller

| FROM— | TO— | TOTAL FEET | FORMATION |
|-------|------|------------|----------------|
| 0 | 312 | 312 | surface |
| 312 | 2278 | 1966 | sand and shale |
| 2278 | 2949 | 671 | sand and shale |
| 2949 | 3751 | 802 | sand and shale |
| 3751 | 4330 | 579 | sand and shale |
| 4330 | 4852 | 522 | sand and shale |
| 4852 | 4893 | 41 | sand and shale |
| 4893 | 5470 | 577 | sand and shale |
| 5470 | 5597 | 127 | shale |
| 5597 | 5650 | 53 | sand and shale |
| 5650 | 5662 | 12 | sand and shale |

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 Astec Oil and Gas Company Lease Hagood
Well No. 12-0 Unit Letter L S 34 T 29N R 13W Pool Totah Gallup
County San Juan Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit S T R
Authorized Transporter of Oil or Condensate Four Corners Pipe Line Co.
Address Box 2648, Houston 1, Texas
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas _____
Address _____ 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:

Reasons for Filing: (Please check proper box) New Well _____ ()
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 1 day of March 19 61

By ORIGINAL SIGNED BY JOE C. SALMON

Approved MAR 2 1961 19

Joe C. Salmon
Title District Superintendent

OIL CONSERVATION COMMISSION

Company Astec Oil and Gas Company

By Original Signed Emery C. Arnold

Address Drawer 570, Farmington, N.M.

Title Supervisor Dist # 3

THEY WANTED ONE COMPANY TO CONTROL THE

November 2, 1950

Expend

| | | | |
|------------------------|-----------|-----------|------------|
| Lat | 31° 00' N | Long | 108° 00' W |
| Alt | 910 | Dist | 2050 |
| Locality | San Juan | Elevation | 5804 |
| Geological Description | Callup | Notes | 80 |

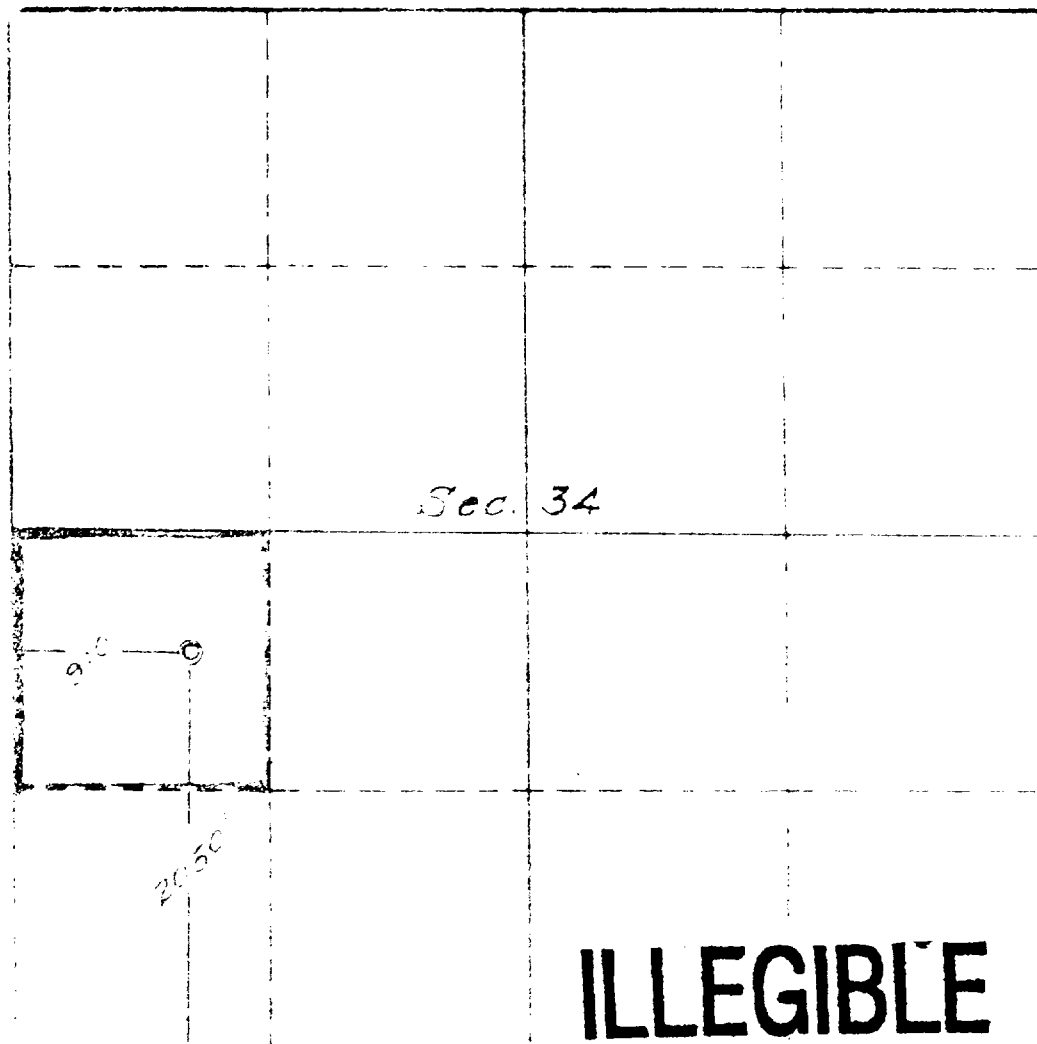
The following information was obtained from the indicated source(s) of information:

2. For $a \in \mathbb{R}$, let $f_a(x) = \sin(ax)$. Find the interval I_a on which f_a is strictly increasing, and the $w_a \in \mathbb{R}$. No credit will be given for answers that do not include the interval I_a .

$\frac{d}{dt} \left(\frac{1}{\rho} \right) = - \frac{1}{\rho^2} \frac{d\rho}{dt}$

2448

SECTION 8



Artesian Oil and Gas Company

ORIGINAL - 1 - 7-10-68

Drawer 570, Farmington, N.

Four States Engineering Co.

ILLEGIBLE

| | |
|---------------------------|-----|
| NUMBER OF COPIES RECEIVED | |
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| FINC | |
| U.S.G.S | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

| | | | | | | | |
|---|--|----------------------|--|--|--|--|--|
| Company or Operator AZTEC OIL & GAS COMPANY | | | | Lease HAGOOD "G" | | Well No. 12 | |
| Unit Letter L | | Section 34 | | Township 29N | | Range 13W | |
| Pool TOTAH GALLUP | | | | | | Kind of Lease (State, Fed, Fee) FEDERAL | |
| If well produces oil or condensate give location of tanks | | | | Unit Letter F | | Section | |
| | | | | Township | | Range | |
| Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> FOUR CORNERS PIPELINE, INC. | | | | Address (give address to which approved copy of this form is to be sent) BOX 1588 FARMINGTON, NEW MEXICO | | | |
| Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | |
| Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> JALOU GAS CO., INC. | | | | Date Connected 2-8-62 | | Address (give address to which approved copy of this form is to be sent) BOX #5426 TULSA, OKLAHOMA | |

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

REASON(S) FOR FILING (please check proper box)

| | |
|---|--|
| New Well <input type="checkbox"/> | Change in Ownership <input type="checkbox"/> |
| Change in Transporter (check one) | Other (explain below) |
| Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> | |
| Casing head gas . <input checked="" type="checkbox"/> Condensate . . <input type="checkbox"/> | |

Remarks

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

Executed this the 11 day of OCTOBER, 19 63.

OIL CONSERVATION COMMISSION

By

Approved by

B.H. MEANS

Title

DISTRICT ENGINEER

Title

Original Signed Emery C. Arnold

Company

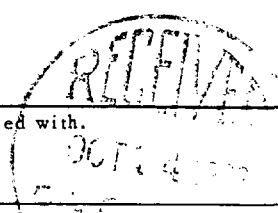
AZTEC OIL & GAS COMPANY

Date

OCT 14 1963

Address

DRAWER #570, FARMINGTON, NEW MEXICO



| | |
|---------------------------|-----|
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| SANTA FE | |
| FILE | |
| U.S.G.S | |
| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

FORM C-110
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

| | | | | | | | |
|--|----------------------|---------------------------------|--|---|-------|-----------------------|--|
| Company or Operator Tenneco Oil Company | | | | Lease Central Totah Unit | | Well No. 19 | |
| Unit Letter L | Section 34 | Township 29N | Range 13W | County San Juan | | | |
| Pool Totah Gallup | | | | Kind of Lease (State, Fed, Fee) Federal | | | |
| If well produces oil or condensate give location of tanks | | Unit Letter P | Section | Township | Range | | |
| Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Four Corners Pipeline, Incorporated | | | | Address (give address to which approved copy of this form is to be sent) Box 1588, Farmington, New Mexico | | | |
| Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | | | | | |
| Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/> Jalou Gas Company, Incorporated | | Date Connected 2-8-62 | Address (give address to which approved copy of this form is to be sent) Box 5426, Tulsa, Oklahoma | | | | |

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

REASON(S) FOR FILING (please check proper box)

New Well ☐
 Change in Transporter (check one)
 Oil ☐ Dry Gas ☐
 Casing head gas . ☐ Condensate . . ☐

Change in Ownership ☐
 Other (explain below)

Well Name Change
Operator Change

Remarks

Formerly Hagood 12-0
Former Operator Artec Oil & Gas Company
Effective January 1, 1964

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

Executed this the 20 day of January, 19 64.

| | | |
|-----------------------------|---------------------------------|---|
| OIL CONSERVATION COMMISSION | | By |
| Approved by | Original Signed Emery C. Arnold | ORIGINAL SIGNED BY JOE C. SALMON JOE C. SALMON |
| Title | Supervisor Dist # 3 | Title DISTRICT SUPERINTENDENT |
| Date | JAN 21 1964 | Company AZTEC OIL & GAS COMPANY |
| | | Address DRAWER #570, FARMINGTON, NEW MEXICO |

| | |
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| LAND OFFICE | |
| TRANSPORTER | OIL GAS |
| OPERATOR | 3 |
| PRORATION OFFICE | |

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

| | |
|---|---|
| Operator Aztec Oil and Gas | |
| Address Drawer 570, Farmington, New Mexico | |
| Reason(s) for filing (Check proper box) | |
| New Well <input type="checkbox"/> | Change in Transporter of: |
| Recompletion <input type="checkbox"/> | Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> |
| Change in Ownership <input checked="" type="checkbox"/> | Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> |
| Other (Please explain) | |

If change of ownership give name and address of previous owner: Tenneco Oil, Box 1714, Durango, Colorado

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|----------------|--|--|-----------|
| Lease Name Central Totah Unit | Well No. 19 | Pool Name, including Formation Totah Gallup | Kind of Lease State, Federal or Fee Fed | Lease No. |
| Location | | | | |
| Unit Letter L; 2050 Feet From The South Line and 910 Feet From The West | | | | |
| Line of Section 34 Township 29N Range 13W, NMPM, San Juan County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | |
|---|--|---------------------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. Twp. Rge. |
| | | Is gas actually connected? When |
| | | temp disconnected |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

| | | | | | | | | |
|------------------------------------|-----------------------------|----------|-----------------|----------|-------------------|-----------|-------------|--------------|
| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res'v. | Diff. Res'v. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | Depth Casing Shoe | | | |

TUBING, CASING, AND CEMENTING RECORD

| | | | |
|-----------|----------------------|-----------|--------------|
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
| | | | |
| | | | |
| | | | |
| | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (shut-in) | Casing Pressure (shut-in) | Choke Size |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Joe C. Anderson
(Signature)
District Superintendent
(Title)
Oct. 23, 1967
(Date)

OIL CONSERVATION COMMISSION

APPROVED OCT 24 1967
BY Original Signed by Emory C. Arnold
SUPERVISOR DIST #3
TITLE

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

SUBJECT: SALT WATER DISPOSAL WELL

ORDER NO. SWD-134

THE APPLICATION OF AZTEC OIL & GAS
COMPANY FOR A SALT WATER DISPOSAL
WELL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 701 (C) Aztec Oil & Gas Company, made application to the New Mexico Oil Conservation Commission on February 5, 1973, for permission to complete for salt water disposal its Central Totah Unit Well No. 19, located in Unit L of Section 34, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico.

The Secretary-Director finds:

1. That application has been duly filed under the provisions of Rule 701 (C) of the Commission Rules and Regulations;
2. That satisfactory information has been provided that all offset operators, surface owners, and the New Mexico State Engineer Office have been duly notified; and
3. That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 (C) will be met.
4. That no objections have been received within the waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, Aztec Oil & Gas Company, is hereby authorized to complete its Central Totah Unit Well No. 19 located in Unit L of Section 34, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Totah-Gallup formation at approximately 5544 feet to approximately 5596 feet through 2-3/8 inch tubing with a packer set at approximately 5400 feet.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Commission may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operation in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

APPROVED at Santa Fe, New Mexico, on this 20th day of February, 1973.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director



S E A L

| | |
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| | GAS |
| OPERATOR | 4 |
| PRODUCTION OFFICE | |

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-103 and C-105
Effective 1-1-65

I. OPERATOR
Operator ATLANTIC ROYALTY COMPANY
Address Box 570
Farmington, N.M. 87401
Reasons for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐ Name Change ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|---|-----------------------|---|--|-------------------------------|
| Lease Name <u>Central Totah Unit</u> | Well No. <u>19</u> | Pool Name, including Formation <u>Totah Gallup</u> | Kind of Lease State, Federal or Free <u>Federal</u> | Lease No. <u>SF-079065</u> |
| Location Unit Letter <u>L</u> ; <u>2050</u> Feet From The <u>South</u> Line and <u>910</u> Feet From The <u>West</u> Line of Section <u>34</u> Township <u>29 N</u> Range <u>13 W</u> , N.M.P.M. <u>San Juan</u> County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | | | | | |
|--|---|------|------|------|----------------------------|------|
| Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <u>Four Corners Pipeline</u> <u>Plateau</u> | Address (Give address to which approved copy of this form is to be sent) <u>Box 1588, Farmington, New Mexico</u> <u>Box 108, Farmington, New Mexico</u> | | | | | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | | | | | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. | Twp. | Rge. | Is gas actually connected? | When |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

| | | | | | | | | |
|------------------------------------|-----------------------------|----------|-----------------|----------|------------------|-----------|------------|-------------|
| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Some Rest. | Diff. Rest. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Elevations (DF, RAB, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | Depth Below G.S. | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

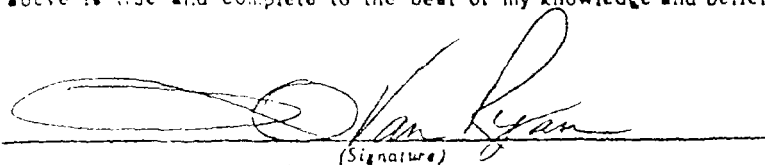
| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil-Bbls. | Water-Bbls. | Gas-MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test-MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.


(Signature)

District Production Manager

(Title)

1-1-78

(Date)

OIL CONSERVATION COMMISSION

JAN 12 1978

APPROVED _____, 19 _____

BY Original Signed by A. R. Kendrick

TITLE SUPERVISOR DIST. #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepen well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all wells on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multi-

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-104
Revised 10-1-78

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| OPERATOR | |
| PROMOTION OFFICE | |

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

ARAMOUNT PETROLEUM CORPORATION

P. O. BOX 22788
HOUSTON, TEXAS 77027

Reason(s) for filing (Check proper box)

New Well ☐Recompletion ☐Change in Ownership ☒

Change in Transporter of:

Oil ☐Casinghead Gas ☐Dry Gas ☐Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous ownerSouthland Royalty Co 1000 Ft Worth Club
Ft Worth, Tx 76102

II. DESCRIPTION OF WELL AND LEASE

| | | | | |
|--|----------------|--|--|---------------------|
| Lease Name Central Totah Unit | Well No. 19 | Pool Name, Including Formation Totah Gallup | Kind of Lease State, Federal or Fee Fed | Lease No. 079065 |
| Location Unit Letter L : 2050 Feet From The S Line and 910 Feet From The W Line of Section 34 NWSW Township 29 N Range 13 W , NMPLM, San Juan County | | | | |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

| | | |
|---|--|------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) | |
| If well produces oil or liquids, give location of tanks. | Unit | Sec. |
| | Twp. | Rge. |
| | Is gas actually connected? When | |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

| | | | | | | | | |
|--------------------------------------|-----------------------------|----------|-----------------|----------|-------------------|-----------|-------------|--------------|
| Designate Type of Completion - (X) | Oil Well | Gas Well | New Well | Workover | Deepen | Plug Back | Same Res't. | Diff. Res't. |
| Date Spudded | Date Compl. Ready to Prod. | | Total Depth | | P.B.T.D. | | | |
| Elevations (D) Y, RT, GR, etc.) | Name of Producing Formation | | Top Oil/Gas Pay | | Tubing Depth | | | |
| Perforations | | | | | Depth Casing Shoe | | | |
| TUBING, CASING, AND CEMENTING RECORD | | | | | | | | |
| HOLE SIZE | CASING & TUBING SIZE | | DEPTH SET | | SACKS CEMENT | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

| | | | |
|---------------------------------|-----------------|---|------------|
| Date First New Oil Run To Tanks | Date of Test | Producing Method (Flow, pump, gas lift, etc.) | |
| Length of Test | Tubing Pressure | Casing Pressure | Choke Size |
| Actual Prod. During Test | Oil - Bbls. | Water - Bbls. | Gas - MCF |

GAS WELL

| | | | |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D | Length of Test | Bbls. Condensate/MMCF | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size |

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Robert C. Whitworth
VP Operations
(Signature)
(Title)

OIL CONSERVATION DIVISION

APPROVED NOV 24 1980
Original Signed by FRANK T. CHAVEZ
BY SUPERVISOR DISTRICT # 3
TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 Fax (505) 334-6170

GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

June 23, 1997

Rand Carroll
Oil Conservation Division Attorney
2040 S Pacheco
Santa Fe NM 87505

RE: Paramount Petroleum Inc., Federal Orphan Wells

Dear Rand:

The following Aztec Totah Unit wells are Federal orphan wells:

| | | | | | |
|-----|--------------|--------------|-----|--------------|--------------|
| #1 | A-29-29N-13W | 30-045-07923 | #2 | G-29-29N-13W | 30-045-07871 |
| #3 | I-29-29N-13W | 30-045-07844 | #4 | C-29-29N-13W | 30-045-07919 |
| #5 | K-29-29N-13W | No API | #6 | E-29-29N-13W | 30-045-07890 |
| #8 | K-20-29N-13W | 30-045-08011 | #9 | M-20-29N-13W | 30-045-07965 |
| #10 | I-19-29N-13W | 30-045-08014 | #13 | C-19-29N-13W | 30-045-08156 |
| #15 | D-34-29N-13W | 30-045-13099 | #16 | B-34-29N-13W | 30-045-07738 |
| #17 | F-34-29N-13W | 30-045-07706 | #18 | H-34-29N-13W | 30-045-07683 |
| #19 | L-34-29N-13W | 30-045-07665 | #20 | J-34-29N-13W | 30-045-07656 |
| #21 | P-34-29N-13W | 30-045-07612 | #22 | N-34-29N-13W | 30-045-07608 |

Steve Mason with the BLM asked that we plug and abandon the wells using the reclamation fund. I have enclosed his plugging procedures for each well. Our inspection didn't find any wells that would be classified as emergency wells but due to the location of the wells (close to Farmington) and the deteriorating conditions of the wellbore, I would like to plug the wells as soon as possible.

Please notify me of your schedule and when I may expect to begin work. If there is any other paper work needed feel free to contact me at 334-6178.

Sincerely,

Johnny Robinson
Deputy O&G Inspector

JR/sh

cc: Steve Mason BLM well files

enc.