

CENTRAL TOTAH UNIT #20

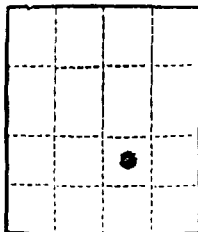
J-34-29N-13W

30-045-07656

OLD

1F

11917



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 87-079065
Unit Agpool

SUNDRY NOTICES AND REPORTS ON WELLS

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

November 10, 1960

Well No. 10-6 is located 1500 ft. from Box line and 1910 ft. from E line of sec. 4
NE 1/4, Section 4 T-29N R-13W N.M.P.M.
(1/4 Sec. and 1 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 5760 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 300 feet of 6 5/8" surface casing and cement to surface.

Drill with rotary to approximate total depth of 5650 feet or through Gallup formation. Set 4 1/2" production casing at total depth and cement with 250 cu. cement. Set two-stage cement collar approximately 100 feet below the Pictured Cliffs formation. Cement the second stage with 150 cu.

Perforate Gallup formation with four shots per foot. Semi-oil free with approximately 50,000 gal. sand and 50,000 gals. oil. Run 2 1/8" tubing. EN/NE, 40 acres 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 Artec Oil and Gas Company

Address P. O. Drawer 570

Farmington, New Mexico

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon
Title District Superintendent

ILLEGIBLE

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date **November 3, 1960**

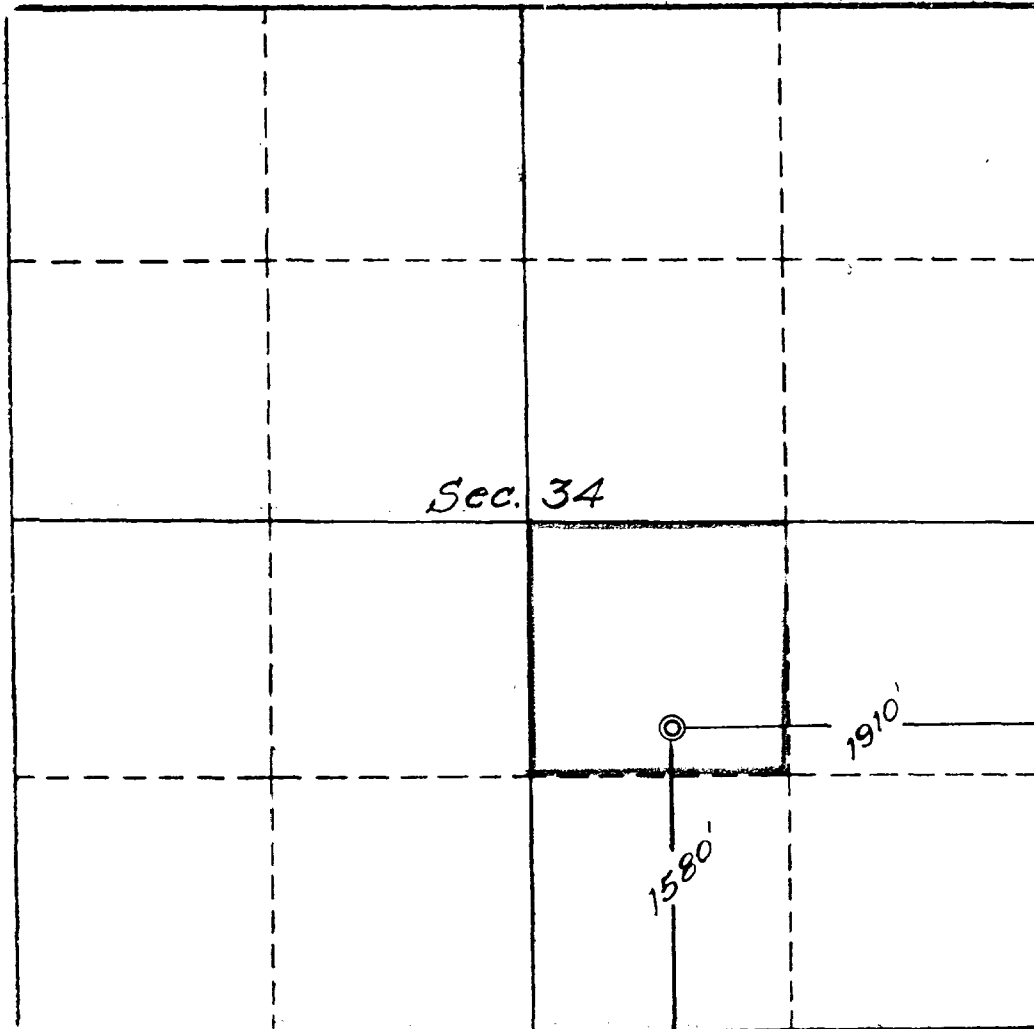
Operator **Aztec Oil and Gas Company** Lease **Hagood**
Well No. **10-G** Unit Letter **J** Section **34** Township **29N** Range **13W** NMPN
Located **1580** Feet From **South** Line, **1910** Feet From **East** Line
County **San Juan** G. L. Elevation **5760** Dedicated Acreage **40** Acre
Name of Producing Formation **Gallup** Pool **Totah**

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes **XXXX** 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 DESCRIPTION

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 C. SALMON**
(REPRESENTATIVE)

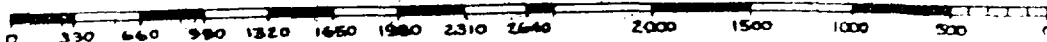
Drawer 570, Farmington, N.M.
(ADDRESS)

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 **10-28-60**
Four States Engineering Co.
FARMINGTON, NEW MEXICO

E. J. [Signature]
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. **1545**



GOVERNOR
JOHN BURROUGHS
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
MURRAY E. MORGAN
MEMBER



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY DIRECTOR

P. O. BOX 871
SANTA FE

November 22, 1960

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas 1, Texas

Attention: Mr. Kenneth A. Swanson

Administrative Order NSL-236

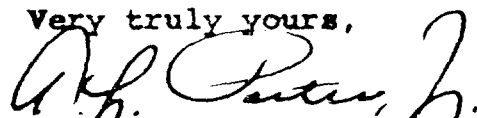
Gentlemen:

Reference is made to your application for approval of an unorthodox well location for your ~~Haygood~~ Well No. 10-G to be located 1580 feet from the South line and 1910 feet from the East line of Section 34, Township 29 North, Range 13 West, Totah-Gallup Oil Pool, San Juan County, New Mexico.

It is our understanding that this unorthodox well location is based upon extreme topographic conditions.

By authority granted me under provisions of Rule 104 (f) of the Commission Rules and Regulations, you are hereby granted approval for the above described unorthodox well location. You must also obtain like approval from the U. S. Geological Survey if the well is located on land subject to the jurisdiction of the U. S. Geological Survey.

Very truly yours,

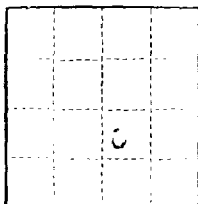

A. L. PORTER, Jr.,
Secretary-Director

ALP/OEP/og

cc: Oil Conservation Commission - Aztec
U. S. Geological Survey - Farmington

Santa Fe-
Land Office SF 079065

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No. _____
Unit Hagood

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.....	
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 2, 1960

Hagood

Well No. 10-G is located 1580 ft. from ~~TOP~~ [S] line and 1910 ft. from [E] ~~TOP~~ line of sec. 34

SE $\frac{1}{4}$ Section 34

($\frac{1}{4}$ Sec. and Sec. No.)

T-29N

(Twp.)

R-13W

(Range)

N.M.P.M.

(Meridian)

Totah Gallup

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5760 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)

Well was spudded 11/29/60

Set 10 jts., 309' of 8 5/8" surface casing, landed at 320' with 225 sacks cement.

Tested casing with 500# pressure for 30 minutes.

No leaks.

Drilled cement plug 11/30/60

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.

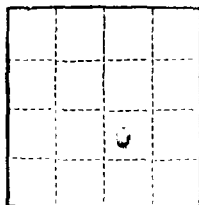
Company Artes Oil and Gas Company

Address Drawer # 570

Farmington, New Mexico

By Joe C. Salmon

Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF 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.....	
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 21, 1960

Magood
Well No. 10-6 is located 1580 ft. from N line and 1210 ft. from E line of sec. 34
SE 1/4 Section 34 R-29N R-17W 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 5760 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)

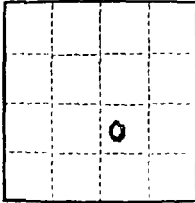
Total depth - 5760' P.B.T.L. - 5623'
Run logs: top of Pictured Cliffs - 1530, Cliff House - 3090, Point Lookout - 4017,
Gallup - 5205
Perforated from 5570 - 5596 with 4 shots per foot.
Cut 1 1/2 in., 5 1/4" or 4 1/2" casing, landed at 5652'
D. V. tool - 1459.23
Cemented 1st stage with 250 sacks cement, 2nd stage with 150 sacks.
Moved in cable tools, drilled cement 12/14/60
Tested for 2 hrs., with 300# pressure
Pipe Chg.

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

Company Amoco Oil and Gas Company
Address Denver 3, CO.
Farmington, New Mexico

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

ILLEGIBLE



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. W 979065
Unit Hagood

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 21, 1959

Hagood
Well No. 10-0 is located 1540 ft. from SW line and 1910 ft. from E line of sec. 34
SE 1/4 Section 34 T-27N R-13W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Totah Valley San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5760 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)

1-1/2" O.D. - 12 1/2'
Sand-Oil Fraced with 30,000# sand and 305 Bbls. oil, flushed with 195 Bbls. oil.
Breakdown pressure - 1500#
Minimum - 1500#
Operating pressure - 8750#
1-in. 11.1 gpm
5-Min. shut-in pr. - 1100#
Ran 103 feet, 5548' of 2 3/8" tubing, landed at 5576'
Perforated nipple - 5548-51
Pump setting nipple - 5547-
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 New Mexico Oil and Gas Company
Address Box 2570,
Farmington, New Mexico
ORIGINAL SIGNED BY JOE C. SALMON
By Joe C. Salmon
Title Regional Superintendent

ILLEGIBLE

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. 10-0 Unit Letter J S 34 T 29W 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)

(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 ☒ ()

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 29th day of December 19 60

ORIGINAL SIGNED BY JOE C. SALMON

By Joe C. Salmon

Approved DEC 30 1960 19 60

Title District Superintendent

OIL CONSERVATION COMMISSION

Company Astec Oil and Gas Company

By Original Signed Emery C. Arnold

Address Drewer # 570, Farmington, New M.

Title Supervisor Dist. # 3

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

REQUEST FOR (OIL) - (~~GAS~~) ALLOWABLE

New Well
~~XXXXXXXXXX~~

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 QUADRUPPLICATE 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

December 29, 1960

(Place)

(Date)

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

Astec Oil and Gas Company
(Company or Operator)

Hagood
(Lease)

Well No. 10-G, in SE $\frac{1}{4}$ $\frac{1}{4}$.

J
Unit Letter

Sec. 34

T. 29N

R. 13W

NMPM.

Total Gallup

Pool

San Juan

County. Date Spudded 11/29/60

Date Drilling Completed

12/8/60

Please indicate location:

Elevation 5760 O.L.

Total Depth 5650

PBTD

5623

Top Oil/Gas Pay 5205

Name of Prod. Form. Gallup

PRODUCING INTERVAL -

Perforations 5570 - 5596 with 4 shots per foot

Open Hole

Depth

Casing Shoe 5652

Depth

Tubing 5576

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 360 bbls. oil, 0 bbls. water in 24 hrs, 0 min. Size 1" Choke

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): Sand-Oil fraced with 30,000# sand and 905 Bbls. oil, flushed

Casing _____ Tubing _____ Date first new _____ with 195 Bbls. oil.
Press. _____ Press. _____ oil run to tanks 12/24/60

Oil Transporter El Paso Natural Gas Products (via Luna Hayes Trucking)

Gas Transporter _____

Remarks: _____

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

Approved December 29, 1960

BY 1960

Astec Oil and Gas Company

(Company or Operator)

ORIGINAL SIGNED BY JOE C. SALMON

OIL CONSERVATION COMMISSION

By: _____
(Signature) Joe C. Salmon

By: Original Signed Emery C. Arnold

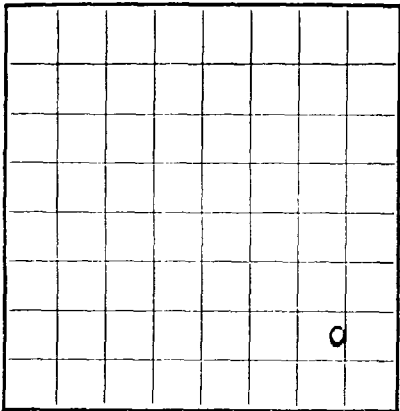
Title: District Superintendent
Send Communications regarding well to:

Title Superintendent

Name: Astec Oil and Gas Company

Address: Drewer # 570, Farmington, New Mexico

ILLEGIBLE



LOCATE WELL CORRECTLY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Astec Oil and Gas Company** Address **Drawer # 570, Farmington, New Mex.**
Lessor or Tract **Hagood** Field **Total Gallup** State **New Mexico**
Well No. **10-G** Sec. **34** T. **29N** R. **13W** Meridian **N.M.P.M.** County **Santa Juan**
Location **1580** ft. **N** of **S** Line and **191 1/2** ft. **E** of **E** Line of **Section 34** Elevation **5760** G.L.
(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.
ORIGINAL SIGNED BY JOE C. SALMON
Signed _____

Date **January 10, 1961** Title **District Superintendent**

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

Commenced drilling **11/29/60**, 19____ Finished drilling **12/8/60**, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5570** to **5596** No. 4, from _____ to _____
No. 2, from _____ to _____ 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

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	8	J-55	300					
4 1/2	11.5	8	J-55	320					
4 1/2	9.5	8	J-55	331					
2 3/8	4.7	8	J-55	5566					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	320	225	displacement		
4 1/2	5652	400	two plug		
2 3/8	5576	--			

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 treated with 30,000# sand and 905 Bbls. oil. slugged with 195 Bbls. oil. Breakdown pr. - 1500#, Maximum 2950, treating pr. - 2750# I.R. - 31.1 bbl. 5-min. shut-in pr. - 1100#						

TOOLS USED

Rotary tools were used from **0** feet to **5650** feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **5623** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **12/23/60**, 19____

The production for the first 24 hours was **360** barrels of fluid of which **100** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. _____

ILLEGIBLE

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

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	8rd	J-55	200	4 1/2	8rd	J-55	310		
4 1/2 11.2	8rd	J-55	310						
4 1/2 9.5	8rd	J-55	5331						
2 3/8 4.7	8rd	J-55	5566						

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	320	225	displacement two plug		
4 1/2	5652	400			
2 3/8	5576	--			

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-Oil fraced with 30,000# sand and 905 Bbls. oil. slushed with 195 Bbls. oil.						
Breakdown pr. - 1500#, Medium 2950, treating pr. - 2750# I.R. - 31.1 bsm						
5-min. shut-in pr. - 1100#						

Rotary tools were used from 0 feet to 5650 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 5623 feet, and from _____ feet to _____ feet

-----, 19----- Put to producing ----- 12/23/60 -----, 19-----

The production for the first 24 hours was 360----- barrels of fluid of which 100-% was oil; 0-%
emulsion; 0-% water; and 0-% sediment. Gravity, °Bé. -----

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

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

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

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	surface
325	1853	1528	sand and shale
1853	2948	1095	sand and shale
2948	3559	611	sand and shale
3559	4216	657	sand and shale
4216	5385	169	shale
4385	4699	314	shale and sand
4699	4822	123	shale
4822	5214	392	shale
5214	5444	230	sand and shale
5444	5608	164	sand and shale
5608	5650	42	sand and shale

200. 10. 1/

November 3, 1960

1. Is the Operator the only owner? In the dedicated acreage, but not in the... otherwise? Yes ~~XXXX~~ No

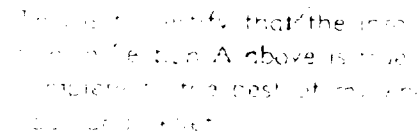
2. If the answer to question One is "No," have the interests in all the wells been consolidated by some form of agreement or otherwise? Yes No If answer is "Yes," Explain Consolidation

If the answer to question Two is "No," list all the owners and their respective interests below:

5. **INDEX**

[illegible]

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



Astec Oil and Gas Company

[illegible]

Drawer 570, Farmington, N.H.

Four States Engineering Co

[illegible]

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(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 Leased
Well No. 10-0 Unit Letter J 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 Four Corners Pipeline Company
Address P.O. 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 22nd day of March 19 61

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

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

Company Astec Oil and Gas Company

By _____

Address Drawer # 570, Farmington, New Mex.

Title _____

NUMBER OF COPIES REQUIRED	
DISTRIBUTION	
JANET	
FILE	
USE	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
MIGRATION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

FORM C-110

(Rev. 7-60)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator AMCO OIL & GAS COMPANY				Lease HAGOOD "G"		Well No. 10	
Unit Letter J	Section 34	Township 29N	Range 13W	County SAN JUAN			
Pool TOTAH CALLUP				Kind of Lease (State, Fed, Fee) FEDERAL			
If well produces oil or condensate give location of tanks			Unit Letter J	Section 34	Township 29N	Range 13W	
Authorized transporter of oil <input 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 1582 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"/> JALCO GAS CO., INC.			Date Connected 6-3-62	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 Ownership ☐
 Change in Transporter (check one) Other (explain below)
 Oil ☐ Dry Gas ☐
 Casing head gas ☒ Condensate ☐

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	Emory C. Arnold	P. H. ...
Title	General Manager	DEPUTY REGISTER
Date		Company AMCO OIL & GAS COMPANY
		Address drawer 570, FARMINGTON, NEW MEXICO

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	
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

I. Operator
Aztec Oil and Gas
Address
Drawer 570, Farmington, New Mexico
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐
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. 20	Pool Name, including Formation Totah Gallup	Kind of Lease State, Federal or Fee Fed	Lease No.
Location Unit Letter J ; 1580 Feet From The South Line and 1910 Feet From The East 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)

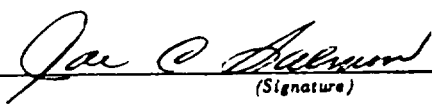
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

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.


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

OIL CONSERVATION COMMISSION
OCT 24 1967
APPROVED _____, 19____
BY Original Signed by Henry 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 zoned wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-079065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Central Totah Unit

9. WELL NO.

#20

10. FIELD AND POOL, OR WILDCAT

Totah Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 34-29N-13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

Aztec Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Drawer 570, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

Section 34-29N-13W

1580' FSL & 1910' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, OR, etc.)

5760' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐Temporarily Abandon ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

This well is not economical to produce under present conditions.
It is located in a secondary recovery project and is a potential
well for additional secondary recovery or tertiary recovery methods
if economics change.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

District Superintendent

DATE

June 18, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DISTRIBUTION	7
SANITARY	1
FEET	✓
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	4
OIL	
GAS	
OPERATION	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-104 and C-1
Effective 1-1-65

Operator	SANDLAND ROYALTY COMPANY		
Address	Box 1573 Farmington, New Mexico		
Reason(s) for filing (check proper box)	Other (if lease explain)		
New Well	<input type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>
			Name Change

If change of ownership give name and address of previous owner _____

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Central Totah Unit	20	Totah Gallup	State, Federal or Fee Federal	SE-079065
Location				
Unit Letter	J	1580 Feet From The	South	Line and 1910 Feet From The East
Line of Section	34	Township	29 N	Range 13W, NMPM, San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Four Corners Pipeline Plateau	Box 1588, Farmington, New Mexico Box 108, Farmington, New Mexico					
Name of Authorized Transporter of 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: _____

COMPLETION DATA

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

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/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

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

APPROVED JAN 12 1978, 19
BY Original Signed by A. D. Knudsen
TITLE SUPERVISOR

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

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRODUCTION OFFICE			

Operator _____

ARAMOUNT PETROLEUM CORPORATION

Address _____
P. O. BOX 22763
HOUSTON, TEXAS 77027

Reason(s) for filing (Check proper box) _____ Other (Please explain) _____

New Well ☐ Change in Transporter of: _____

Recompletion ☐ Oil ☐ Dry Gas ☐

Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐

If change of ownership give name and address of previous owner Southland Royalty Co 1000 Ft Worth Club

DESCRIPTION OF WELL AND LEASE

Lease Name <u>Central Jotah Unit</u>	Well No. <u>20</u>	Pool Name, Including Formation <u>Jotah the Galling</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No. <u>077065</u>
Location Unit Letter <u>J</u> : <u>1580</u> Feet From The <u>S</u> Line and <u>1910</u> Feet From The <u>E</u> <u>NM 0468128</u>				
Line of Section <u>34 NWSE</u> Township <u>29 N</u> -- Range <u>13 W</u> , NMPM, <u>San Juan</u> County				

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: _____

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 (D) <u>3, RT, GR, etc.,</u>	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

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

<p>CERTIFICATE OF COMPLIANCE</p> <p>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.</p> <p><u>Robert C Whitworth</u> (Signature) <u>VP Operations</u> (Title) <u>11/17/80</u> (Date)</p>	<p>OIL CONSERVATION DIVISION</p> <p>APPROVED <u>NOV 24 1980</u>, 19 _____</p> <p>BY <u>Original Signed by FRANK J. CHAVEZ</u></p> <p>TITLE <u>SUPERVISOR DISTRICT</u></p> <p>This form is to be filed in compliance with RULE 1104.</p> <p>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.</p> <p>All sections of this form must be filled out completely for allowable on new and recompleted wells.</p> <p>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.</p> <p>Separate Forms C-104 must be filed for each pool in multiply completed wells.</p>
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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: Paramont 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.