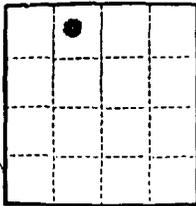


**AZTEC TOTAH UNIT # 13**  
**C-19-29N-13W**  
**30-045-08156**

BUREAU OF LAND MANAGEMENT	
FEDERAL BUREAU OF SURVEY	
00D	1R
CASE NO	11917



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 079069  
Unit Single

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)

March 31, 19 61

Well No. 26-8 is located 680 ft. from [N] line and 330 ft. from [E] line of sec. 19

26-8, Section 19 29N 13W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5365 ft. (Ground Elevation)

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)

Propose to: Set 180 feet of 8 3/8" surface casing and cement to surface.  
Drill with rotary to approximate total depth of 5825 ft. and set 4 1/2" production casing at total depth. Cement production casing with 250 cu. Set two-stage cement collar 100 ft. below the Pictured Cliffs formation and cement with 190 cu. Perforate Gallup formation. Sand-Oil frac with 50,000# sand and 50,000 gals. oil. Run 2 1/8" tubing.

Average, oil well dedication, 85.68 acres of Section 19 is outlined on attached plat.

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

Company Astec Oil and Gas Company  
Address P. O. Drawer 570  
Farmington, New Mexico

APPROVED AND SIGNED BY JOE G. SALMON  
By Joe G. Salmon  
District Superintendent

Title \_\_\_\_\_

*Assign allowable based on 40 acres until N.W. received at*

NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

SECTION A.

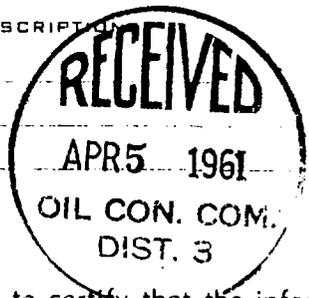
Date **March 23, 1961**

Operator **Aztec Oil and Gas Company** Lease **Magood**  
Well No. **26-G** Unit Letter **C** Section **19** Township **29N** Range **13W** NMPM  
Located **680** Feet From **North** Line, **3350** Feet From **East** Line  
County **San Juan** G. L. Elevation **5365** Dedicated Acreage **85.68** Acres  
Name of Producing Formation **Gallup** Pool **Totah**

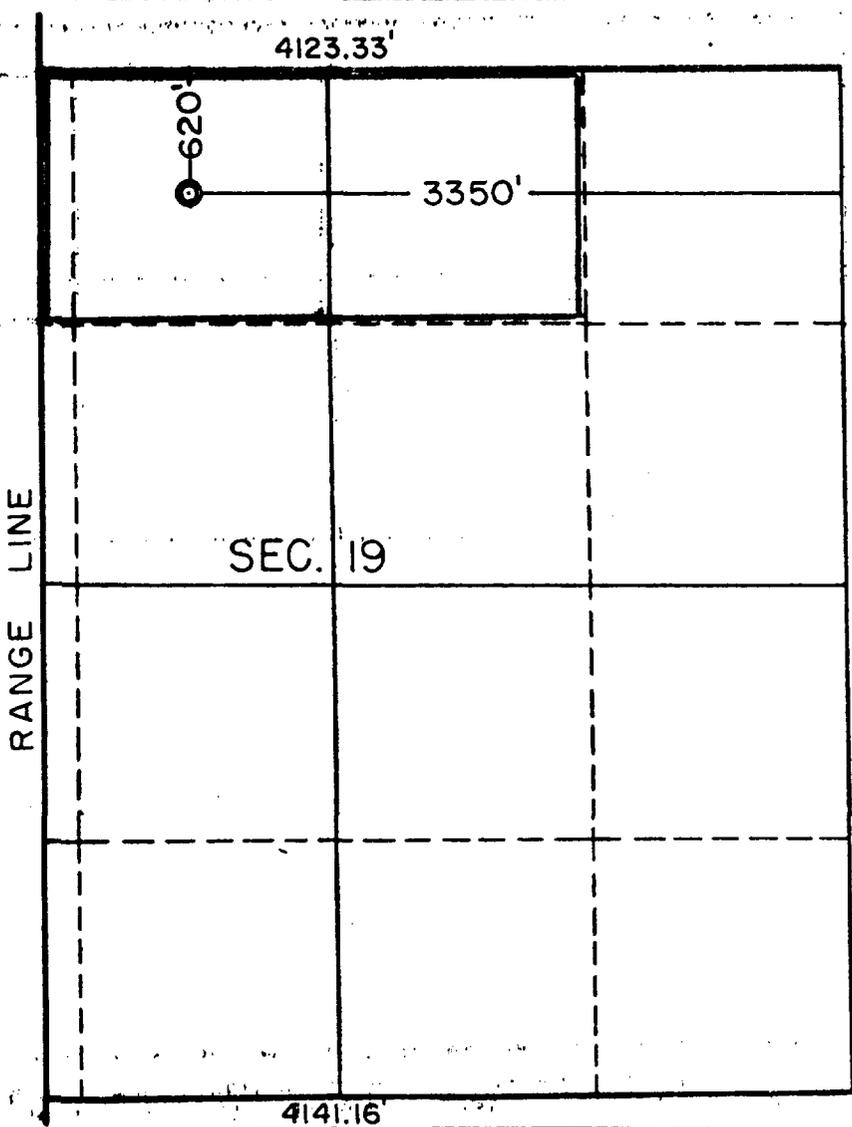
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes **XI** No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_ If answer is "Yes," Type of Consolidation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

OWNER

LAND DESCRIBED BY



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.**

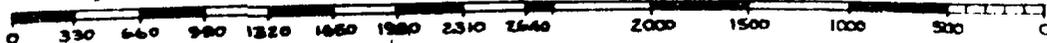
This is to certify that the information shown on the plat above was plotted from a true and correct survey made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

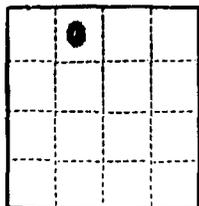
Date Surveyed **3-22-61**

**Four States Engineering Co.**  
FARMINGTON, NEW MEXICO

*E. L. Patel*  
REGISTERED ENGINEER OR  
LAND SURVEYOR

Certificate No. **3084**





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 079013  
Unit Engel

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)

U. S. GEOLOGICAL SURVEY  
WASHINGTON, D. C. 20540

April 18, 1961

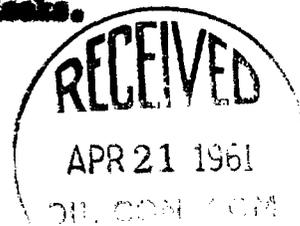
Engel  
Well No. 26-6 is located 600 ft. from [N] line and 330 ft. from [E] line of sec. 19  
NE 1/4 Section 19 (1/4 Sec. and Sec. No.)  
T-25N (Twp.) R-13W (Range) K.L.P.M. (Meridian)  
Total Gallup (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5365 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)

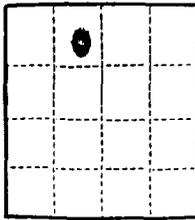
Well was spudded 4/8/61  
Set 188', 6 jts., of 5 5/8" casing, landed at 199' with 100 cc. cement  
Tested casing with 900# pressure for 30 minutes. No leaks.  
Drilled cement 4/10/61  
tested with 900# pressure for 30 minutes.  
No drop in pressure.



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

Company Astec Oil and Gas Company  
Address Drawer # 570  
Farmington, New Mexico  
By Joe C. Salmon  
Title District Superintendent

ORIGINAL SIGNED BY JOE C. SALMON



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office State Fe  
Lease No. 079063  
Unit Magood

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.....	

RECEIVED  
APR 21 1961  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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

Magood  
Well No. 26-0 is located 600 ft. from [N] line and 1100 ft. from [E] line of sec. 19  
W 1/2 Section 19 (1/4 Sec. and Sec. No.) T-23N (Twp.) S-13W (Range) Magood (Meridian)  
Magood (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5165 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)

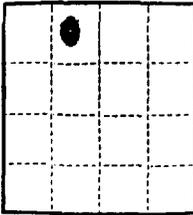
P.B.T.D. - 5160  
Sand-oil fraced with 30,000# sand, 668 Hls. oil, flushed with 90 Hls. oil  
Breakdown pr.- 1900  
Maximum - 3100  
Avg. treating pr.- 2300  
I.R. - 31.1 bpm  
5 min. shut-in pr.- 600  
Ran 164 Jts., 5146' of 2 1/8" tubing, landed at 5156'  
Flowing through tubing.

RECEIVED  
APR 24 1961  
OIL CON. COM.  
DIST. 3

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

Company Astec Oil and Gas Company  
Address Drewer # 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. **079063**  
Unit **Regard**

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)

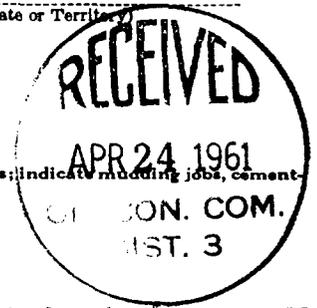
U.S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

**April 20**, 19**61**

Well No. **26-0** is located **600** ft. from **[N]** line and **300** ft. from **[E]** line of sec. **19**

**SW 1/4 Section 19** (1/4 Sec. and Sec. No.)  
**T-29N** (Twp.) **R-13W** (Range) **R.M.P.M.** (Meridian)  
**Total Gallup** (Field) **San Juan** (County or Subdivision) **New Mexico** (State or Territory)

The elevation of the derrick floor above sea level is **935** 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- **9825** **F.M. 20- 5102**  
Run logs: top of fractured cliffs- **1047**, Cliff House- **2630**, Point Lobos- **353**,  
Perforated with 6 shots per foot from **5130-5190** **Gallup - 4756**  
spotted **400** gals. **1 1/2** H<sub>2</sub>O  
Set **175** lbs., **9800'** of **1 1/2"** casing, set at **5210**  
D.V. tool - **1253**  
Cemented 1st stage with **250** sacks cement, 2nd stage with **150** sacks  
Drilled cement **4/19/61**  
Tested for **2** hrs., with **500** psi pressure  
Pipe Okay.

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

Company **Astec Oil and Gas Company**  
Address **Drawer # 570**  
**Farmington, New Mexico**  
By **Joe C. Salmon**  
Title **District Superintendent**

DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.P.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
REGISTRATION OFFICE	
OPERATOR	

New Mexico

Revised 7/1/57

REQUEST FOR ALLOWABLE - ~~EXCESS~~ ALLOWABLE

New Well  
~~EXCESSIVE~~

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 April 26, 1961  
 (Place) (Date)

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

**Astec Oil and Gas Company** **Bigood**, Well No. **26-0**, in **NM** 1/4 1/4

(Company or Operator)

**0**, Sec **19**, T **29N**, R **13W**, **NE4PM**, **Total Gallup** Pool

Unit Letter

**San Juan**

County Date Spudded **4/8/61** Date Drilling Completed **4/16/61**

Please indicate location:

Elevation **5255** **0.0** Total Depth **5215** PBD **5182**

Top Oil/Gas Pay **4756** Name of Prod. Form **Gallup**

PRODUCING INTERVAL --

Perforations **5180-5192 with 6 shots per foot**

Open Hole Depth **5215** Casing Shoe **5214** Depth Tubing **5156**

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): **389** bbls. oil, **0** bbls water in **24** hrs, \_\_\_\_\_ min. Size **26/64"** Choke

GAS WELL TEST -

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

Method of Testing (piston, 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): **2 gal. oil flooded with 30,000# sand, 868 bbls. oil, flushed w/ 90 bbls. oil**

Casing Press. \_\_\_\_\_ Tubing Press. \_\_\_\_\_ Date first new oil run to tanks **4/23/61**

Oil Transporter: **New Mexico Tankers, Inc.**

Gas Transporter: \_\_\_\_\_

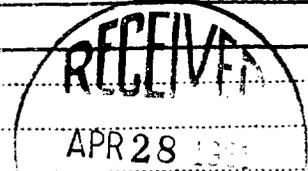
D	C	B	A
	X		
E	F	G	H
L	K	J	I
M	N	O	P

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
8 5/8	199	180
4 1/2	5214	400
2 3/8	5156	--

Remarks:



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

Approved: **April 26** APR 25 1961 13: 61 **Astec Oil and Gas Company** DISTRICT SUPERINTENDENT

ORIGINAL SIGNATURE OF OPERATOR

OIL CONSERVATION COMMISSION

By: \_\_\_\_\_ (Signature) **Joe C. Salmon**

By: Original Signed **Emery C. Arnold**

Title: **District Superintendent**

Send Communications regarding well to:

Title: **Supervisor Dist. # 3**

Name: **Astec Oil and Gas Company**

Address: **Drawer # 570, Farmington, New Mexico**

**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)

*B.T.*

**FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE**

DISTRIBUTION	
SANTA FE	
FILE	
J.R.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PROBATION OFFICE	
OPERATOR	

Company or Operator <b>ASTEC OIL AND GAS COMPANY</b>	Lease <b>20000</b>	Well No. <b>26-6</b>
---	-----------------------	-------------------------

Unit Letter <b>C</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>
-------------------------	----------------------	------------------------	---------------------	---------------------------

Pool <b>Total Gallup</b>	Kind of Lease (State, Fed, Fee) <b>Fed.</b>
-----------------------------	--

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
--	-------------	---------	----------	-------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>NEW MEXICO TANKERS, INC.,</b>	Address (give address to which approved copy of this form is to be sent) <b>Box # 2151, Farmington, New Mexico</b>
--	---

*Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_*

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	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:

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

- New Well .....
- Change in Owner ship .....
- Change in Transporter (check one)
  - Oil .....  Dry Gas ....
  - Casing head gas .  Condensate..
- Other (explain below)



Remarks

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

Executed this the 26th day of April, 19 61.

OIL CONSERVATION COMMISSION	By <b>ORIGINAL SIGNED BY JOE C. SALMON</b>
Approved by <b>Original Signed Emery C. Arnold</b>	Title <b>Joe C. Salmon</b>
Title <b>Supervisor Dist. # 3</b>	Company <b>Astec Oil and Gas Company</b>
Date <b>Apr 28 1961</b>	Address <b>Drawer # 570, Farmington, New Mexico</b>

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
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 <b>Artes Oil and Gas Company</b>			Lease <b>Kingood</b>		Well No. <b>26-g</b>
Unit Letter <b>C</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>	
Pool <b>Totah Gulch</b>			Kind of Lease (State, Fed, Fee) <b>Fed.</b>		

If well produces oil or condensate give location of tanks	Unit Letter	Section	Township	Range
--	-------------	---------	----------	-------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Four Corners Pipeline</b>	Address (give address to which approved copy of this form is to be sent) <b>Box # 2648, Houston, Texas</b>
--	---

Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	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:

**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 checked="" type="checkbox"/> Dry Gas .... <input type="checkbox"/> |  |
| Casing head gas . <input 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 29th day of April, 1961.

OIL CONSERVATION COMMISSION		By	
Approved by		Title	
Original Signed <b>Emery C. Arnold</b>		<b>L. M. Stevens</b>	
Title		Company	
Supervisor Dist. # <b>3</b>		<b>Artes Oil and Gas Company</b>	
Date		Address	
APR 25 1961		<b>Drawer # 570, Farmington, New Mexico</b>	

Form 9-830



Budget Bureau No. 42-R355.4. Approval expires 12-31-60.

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

Grid for locating well correctly

LOCATE WELL CORRECTLY

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Artes Oil and Gas Company Address Drawer # 570, Farmington, New Mexico Lessor or Tract Ingood Field Totah Gallup State New Mexico Well No. 26-G Sec. 19 T. 29N R. 13W Meridian N.M.P.M. County San Juan Location 600 ft. [S.] of N Line and 3370 ft. [W.] of N Line of Section 19 Elevation 5365 G.L. (Derriet 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.

Date April 26, 1961 Signed ORIGINAL SIGNED BY JOE C. SALMON Joe C. Salmon Title District Superintendent

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

Commenced drilling 4/8/61, 19 Finished drilling 4/16/61, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5130 to 5150 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

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From-To), Purpose

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used

ILLEGIBLE

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, 868 lbs. oil, fracted with 90 lbs. oil						
Breakdown pt. - 1990, Maximum - 3100, Avg. fracting pt. - 2300, L.R. - 31.1 by						
5 min. shut-in pt. - 600						

**TOOLS USED**

Rotary tools were used from 0 feet to 5215 feet, and from ~~1000 P.R.T.D.~~ 5182 feet to ..... feet

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

**DATES**

....., 19..... Put to producing 4/23/61, 19.....

The production for the first 24 hours was 309 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. ....

**EMPLOYEES**

....., Driller ..... Driller

....., Driller ..... Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	75	75	surface
75	205	130	sand and shale
205	1730	1525	sand and shale
1730	2292	562	sand and shale
2292	3235	943	sand and shale
3235	4065	830	sand and shale
4065	4598	533	sand and shale
4598	4995	397	sand and shale
4995	5215	220	sand and shale

PICKERD CLIFFS- 1047  
CLIFF HOUSE- 2630  
POINT LOCKUP- 3535  
GALLUP- 4756

FROM- TO- TOTAL FEET FORMATION

FORMATION RECORD (OVER) CONTINUED

**ILLEGIBLE**

NUMBER OF COPIES RECEIVED		DISTRIBUTION	
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)

*B.T.*

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Artes Oil and Gas Company</b>				Lease <b>Leased "G"</b>	Well No. <b>86</b>
Unit Letter <b>E C</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan Co., New Mexico</b>	

Pool <b>Total Gallup</b>	Kind of Lease (State, Fed, Fee) <b>Federal</b>
-----------------------------	---

If well produces oil or condensate give location of tanks	Unit Letter <b>H</b>	Section <b>20</b>	Township <b>29N</b>	Range <b>13W</b>
--	-------------------------	----------------------	------------------------	---------------------

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Four Corners Pipe Line Co.</b>	Address (give address to which approved copy of this form is to be sent) <b>P. O. Box 1586, Farmington, New Mexico</b>
---	---

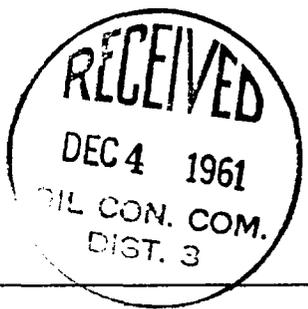
Is Gas Actually Connected? Yes  No

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> <b>Jalon Gas Co, Inc.</b>	Date Connected <b>9/15/61</b>	Address (give address to which approved copy of this form is to be sent) <b>P. O. Box 5426, Tulsa, Oklahoma</b>
--	----------------------------------	--

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 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 1st day of December, 1961.

Approved by Original Signed By <b>A. R. BENDRICK</b>	By <b>BENJAMIN MEANS</b>
	Title <b>District Engineer</b>
Title <b>PETROLEUM ENGINEER DIST NO. 3</b>	Company <b>Artes Oil and Gas Company</b>
Date <b>DEC 4 1961</b>	Address <b>P. O. Drawer 570, Farmington, N.M.</b>

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	GAS
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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 <b>AZTEC OIL &amp; GAS COMPANY</b>	Lease <b>AZTEC TOTAH UNIT</b>	Well No. <b>#13</b>
---	----------------------------------	------------------------

Unit Letter <b>C</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>SAN JUAN</b>
-------------------------	----------------------	------------------------	---------------------	---------------------------

Pool <b>TOTAH GALLUP</b>	Kind of Lease (State, Fed, Fee) <b>FED.</b>
-----------------------------	--

If well produces oil or condensate give location of tanks	Unit Letter <b>N</b>	Section <b>20</b>	Township <b>29N</b>	Range <b>13W</b>
--	-------------------------	----------------------	------------------------	---------------------

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)
---	--

Is Gas Actually Connected? Yes \_\_\_\_\_ No \_\_\_\_\_

Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
--	----------------	--

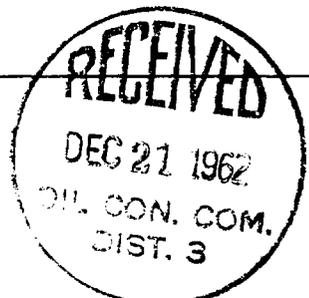
If gas is not being sold, give reasons and also explain its present disposition:

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

- New Well .....
- Change in Ownership .....
- Change in Transporter (check one)
- Oil .....  Dry Gas ....
- Other (explain below)
- Casing head gas .  Condensate..
- NAME CHANGE** **X**

Remarks

**THIS WELL FORMERLY NAMED HAGOOD "G" - 26  
NOW CHANGED TO AZTEC TOTAH UNIT #13**



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

Executed this the **19th** day of **DECEMBER**, 19**62**.

OIL CONSERVATION COMMISSION	By
Approved by	ORIGINAL SIGNED BY JOE C. SALMON
Original Signed by <b>W. B. Smith</b>	Title
Title	<b>DISTRICT SUPERINTENDENT JOE C. SALMON</b>
<b>DEPUTY OIL &amp; GAS INSPECTOR DIST. NO. 3</b>	Company
Date	<b>AZTEC OIL &amp; GAS COMPANY</b>
<b>DEC 21 1962</b>	Address
	<b>P. O. DRAWER 570 FARMINGTON, NEW MEXICO</b>

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	GAS
PRODUCTION OFFICE	
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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 <b>AZTEC OIL AND GAS COMPANY</b>			Lease <b>AZTEC TOTAH UNIT</b>		Well No. <b>13</b>
Unit Letter <b>C</b>	Section <b>19</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>SAN JUAN</b>	
Pool <b>TOTAH GALLUP UNIT</b>			Kind of Lease (State, Fed, Fee) <b>FED.</b>		
If well produces oil or condensate give location of tanks		Unit Letter <b>N</b>	Section <b>20</b>	Township <b>29N</b>	Range <b>13W</b>
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>FOUR CORNERS PIPELINE</b>			Address (give address to which approved copy of this form is to be sent) <b>P. O. BOX 1588 - FARMINGTON, NEW MEXICO</b>		

Is Gas Actually Connected? Yes  No

Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/> <b>JALOU GAS CO. INC.</b>		Date Connected <b>9/15/61</b>	Address (give address to which approved copy of this form is to be sent) <b>P. O. BOX 5426 - TULSA, OKLAHOMA</b>		
--	--	----------------------------------	---	--	--

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

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

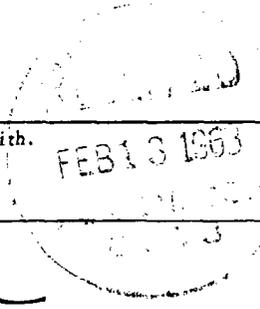
- New Well .....
- Change in Transporter (check one)
  - Oil .....  Dry Gas ....
  - Casing head gas .  Condensate..
- Change in Ownership .....
- Other (explain below)
- NAME CHANGE . . . . .

Remarks  
**THIS WELL FORMERLY NAMED HAGOOD "G" - 26  
NOW CHANGED TO AZTEC TOTAH UNIT #13**

**(CORRECTED COPY)**

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

Executed this the 12th day of FEBRUARY, 19 63.



OIL CONSERVATION COMMISSION		By
Approved by	<i>[Signature]</i>	<i>[Signature]</i>
Title		<b>JOE C. SALMON DISTRICT SUPERINTENDENT</b>
Date	<b>PETROLEUM ENGINEER DIST. NO. 3</b>	Company <b>AZTEC OIL AND GAS COMPANY</b>
		Address <b>P. O. BOX 570 - FARMINGTON, NEW MEXICO</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 43-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

6. LEASE DESIGNATION AND SERIAL NO.

SF-079065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Aztec Totah Unit

9. WELL NO.

#13

10. FIELD AND POOL, OR WILDCAT

Totah Gallup

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

Section 19-29N-13W

12. COUNTY OR PARISH 18. STATE

San Juan

New Mexico

1. OIL WELL  GAS WELL  OTHER

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 19-29N-13W  
620' FNL & 3350' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5365' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/> Temporarily Abandon	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(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 pertinent 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.

TEMPORARY ABANDONMENT  
EXPIRES JUN 1 1977



RECEIVED

JUN 21 1976

U.S. GEOLOGICAL SURVEY

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

SIGNED

*Van Ryan*

TITLE

District Superintendent

DATE

June 18, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**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

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**I. OPERATOR**  
 Operator: SOUTHWEST ROYALTY COMPANY  
 Address: 2000 Dover 570  
Farmington, N.M. 87401

Reason(s) for filing (Check proper box):  
 New Well  Change in Transporter of:  
 Recompletion  Oil  Dry Gas   
 Change in Ownership  Casinghead Gas  Condensate  Name change

If change of ownership give name and address of previous owner \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <u>Aztec Totah Unit</u>	Well No. <u>13</u>	Pool Name, including Formation <u>Totah Gallup</u>	Kind of Lease State, Federal or Fee <u>SF-0790</u>	Lease No. <u>65</u>
Location Unit Letter <u>C</u> ; <u>620</u> Feet From The <u>North</u> Line and <u>3350</u> Feet From The <u>East</u>				
Line of Section <u>19</u> Township <u>29N</u> Range <u>13W</u> , NMPM, <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>	Address (Give address to which approved copy of this form is to be sent) <u>Box 1588, 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	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	Check 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 (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Check 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)  
Dist. Production Mgr.  
 (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 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.

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

MAR 03 1981

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS SANTA FE

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	GAS
OPERATOR	
PRODUCTION OFFICE	

I. Operator  
**Paramount Petroleum Corp.**

Address  
**P.O. Box 22763 Houston, Tx. 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 Tower, Ft**

II. DESCRIPTION OF WELL AND LEASE

Lease Name **Artec Totah Unit** Well No. **13** Pool Name, including Formation **Gallup** Kind of Lease **FEDERAL**

Location  
 Unit Letter **C**; **620** Feet From The **N** Line and **3350** Feet From The **E**  
 Line of Section **19** Township **29N** Range **13W** NMPM, **San Juan Co.**

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil  or Condensate   
**Plateau Inc.** Address (Give address to which approved copy of this form)  
**501 Airport #151 Farmington, N.**

Name of Authorized Transporter of Casinghead Gas  or Dry Gas   
Address (Give address to which approved copy of this form)

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 Sand

Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D.

Elevations (D, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth

Perforations Depth Casing Sh

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS

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 greater than 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 Cond.

Testing Method (spiral, 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 Whitworth*  
(Signature)  
V.P. Operations  
(Title)  
03/03/81  
(Date)

OIL CONSERVATION DIVISION

APPROVED  
Original Signed by **FRANK T. CHAVEZ**  
BY  
SUPERVISOR DISTRICT #3

TITLE  
This form is to be filed in compliance with...  
If this is a request for allowable for a new well, this form must be accompanied by a tabular log taken on the well in accordance with RUC...  
All sections of this form must be filled out...  
Fill out only Sections I, II, III, and VI for well name or number, or transporter, or other such...  
Separate forms C-104 must be filed for a...



**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)334-8170

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.