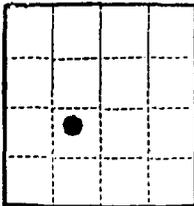


**AZTEC TOTAH UNIT #8**  
**K-20-29N-13W**  
**30-045-08011**

BEFORE EXAMINATION	
OCD	10
CASE NO	11917



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 27-07963  
Unit 1492

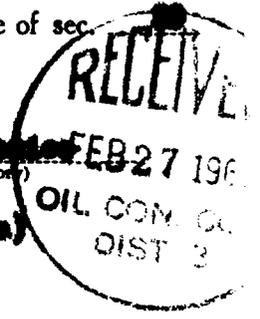
SUNDRY NOTICES AND REPORTS ON WELLS

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)

February 22, 1961

Well No. 21-6 is located 1000 ft. from S line and 1600 ft. from W line of sec. 20  
N4, Section 20 29N 13W E.N.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Utah Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is 2440 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 300 feet of 8 1/8" surface casing and cement to surface.  
 Drill with rotary to approximately total depth of 3300 feet  
 or through Gallup formation. Set 4 1/2" production casing at  
 total depth and cement with 250 gr. Set two-stage cement  
 collar approximately 100 feet below Pictured Cliffs formation  
 and cement with 150 gr.

Perforate Gallup formation. Sand-oil free with approximately  
 30,000 gal. and 30,000 gal. oil. Run 2 1/8" tubing.

N4/W4, Section 20, 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 Artes Oil and Gas Company

Address Drawer 570

Farrington, New Mexico

By Joe C. Salmon  
 Title District Superintendent

700-80-200-300  
 1/24/61

ILLEGIBLE

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**Well Location and Acreage Dedication Plat**

**SECTION A.**

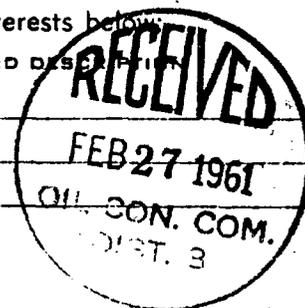
Date February 21, 1961

Operator Aztec Oil and Gas Company Lease Hagood  
Well No. 21-G Unit Letter K Section 20 Township 29N Range 13W NMPM  
Located 1880 Feet From South Line, 1685 Feet From West Line  
County San Juan G. L. Elevation 5442 Dedicated Acreage 40.80 Acres  
Name of Producing Formation Gallup Pool Total

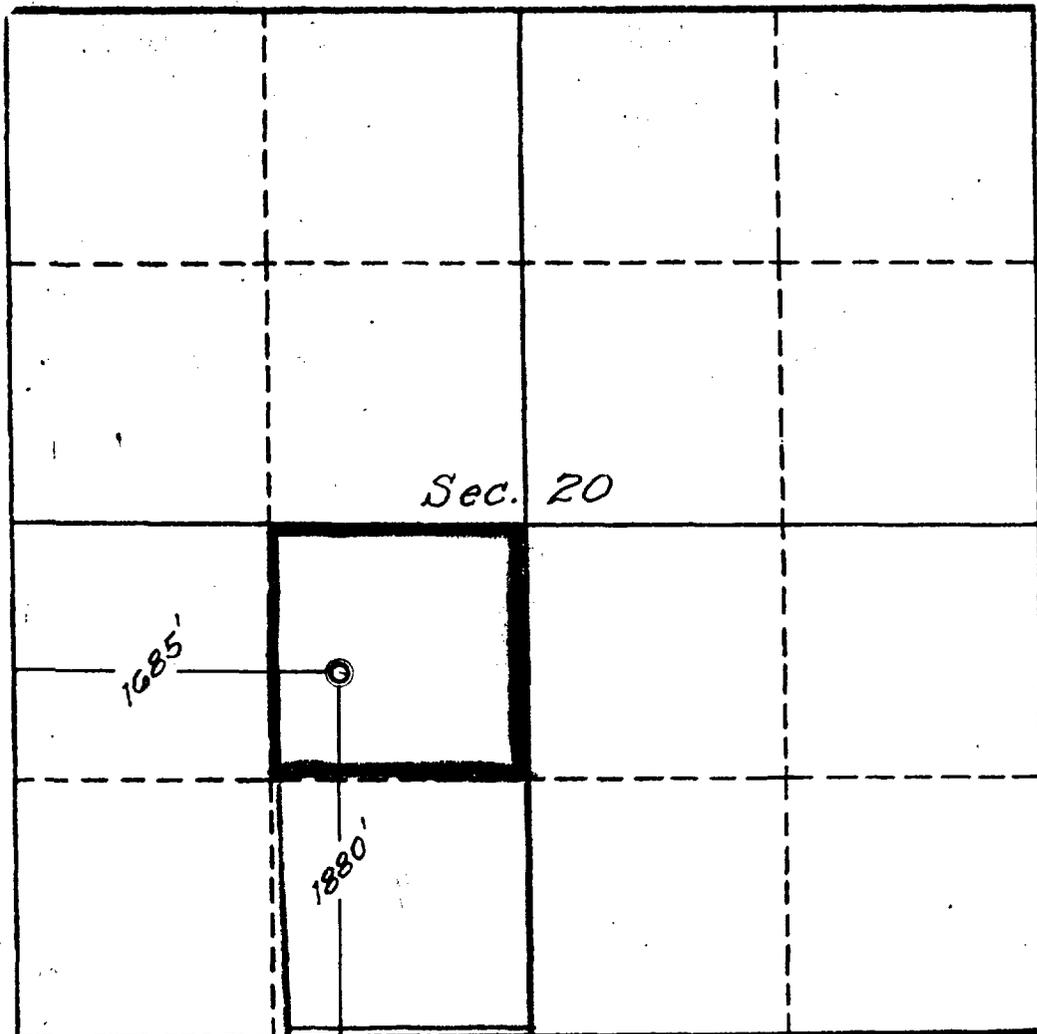
1. Is the Operator the only owner\* in the dedicated acreage outlined on the plat below? Yes XXX No \_\_\_\_\_
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes \_\_\_\_\_ No \_\_\_\_\_. If answer is "Yes," 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 2-20-61

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

C. L. Potat  
REGISTERED ENGINEER OR  
LAND SURVEYOR

Certificate No. 3084



NEW MEXICO OIL CONSERVATION COMMISSION  
Well Location and Acreage Dedication Plat

SECTION A.

Date February 21, 1961

Operator Aztec Oil and Gas Company Lease Hagood

Well No 21-0 Unit Letter K Section 20 Township 29N Range 13W NMPA

Located 1880 Feet From South Line 1685 Feet From West Line

County San Juan G. L. Elevation 5442 Dedicated Acreage 80 Acre

Name of Producing Formation Gallup Part Total

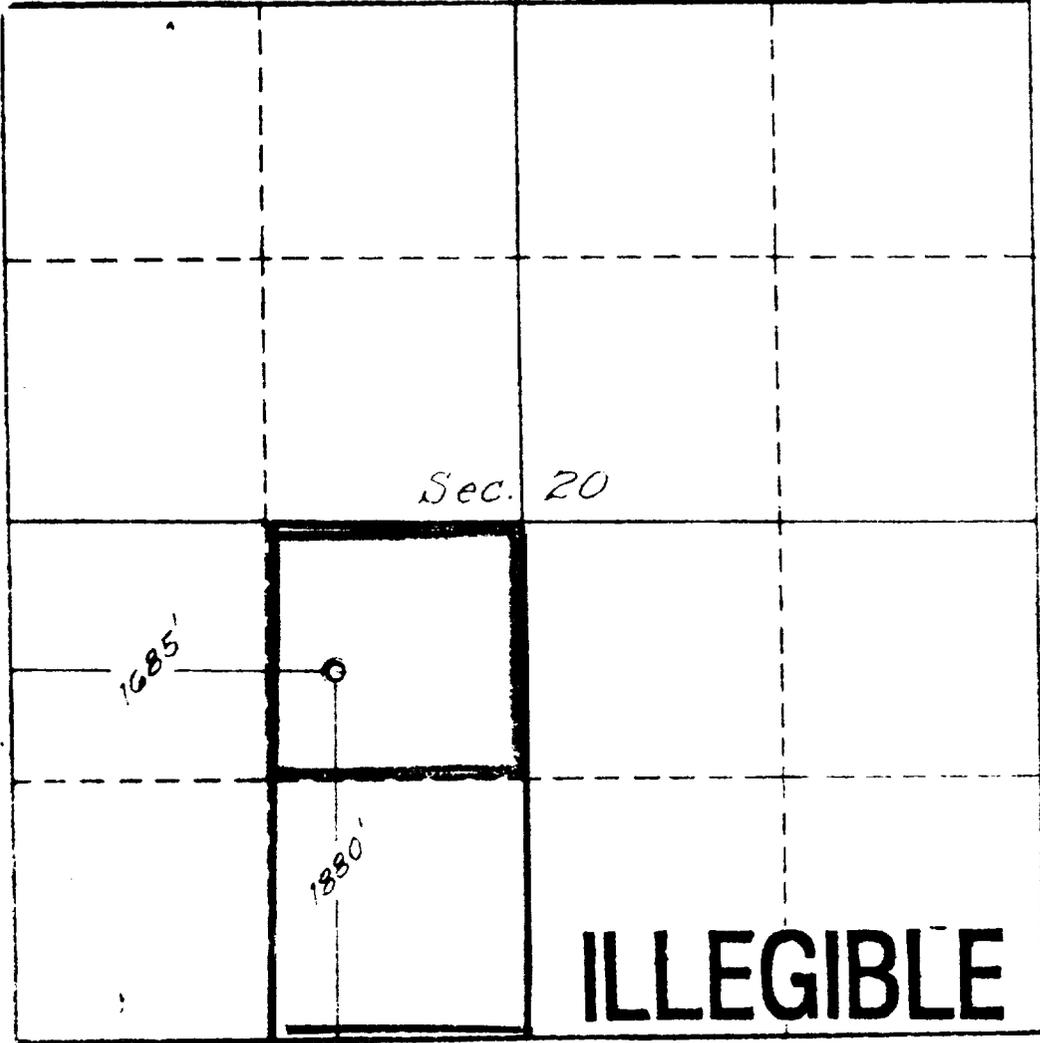
1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? Yes  No
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes  No  If answer is "Yes," Type of Consolidation \_\_\_\_\_
3. If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

OWNER

LAND DESCRIPTION



SECTION B.



ILLEGIBLE

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  
SUPERVISOR

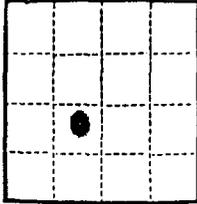
Drawer 570, Farmington, N.M.

This is to certify that the well location shown on this plat in Section B is within 1/4 mile of or less than 1/4 mile of the corner of the section in which the well is located to the best of my knowledge and belief.

Date 2-20-61  
Four States Engineering Co.  
FARMINGTON, NEW MEXICO

*Joe C. Salmon*  
SUPERVISOR

Well No. 21-0



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. AP-079065  
Unit 14224

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  
MARCH 28 1961  
U.S. GEOLOGICAL SURVEY  
ALBUQUERQUE, NEW MEXICO

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

Report March 28, 1961  
Well No. SL-6 is located 1000 ft. from 700' line and 1635 ft. from 154' line of sec. 20  
SW 1/4 Section 20 (1/4 Sec. and Sec. No.) T-22N (Twp.) R-13W (Range) N.M.P.M. (Meridian)  
South Gallego (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5042 ft. G.M.

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 3/25/61  
Set 6 jcs., 186' of 5 7/8" casing, landed at 800' with 170 sacks cement.  
Tested with 500' pressure for 30 minutes. No leaks.  
Drilled cement plug 3/27/61  
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 Antec Oil and Gas Company

Address Dwain # 570

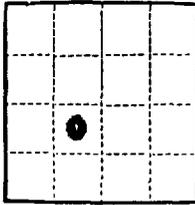
Farrington, New Mexico

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 **Alamo**  
Lease No. **87 07965**  
Unit **Alamo**

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.....
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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  
FARMINGTON, NEW MEXICO

April 10

19 61

Well No. **82-6** is located **1800** ft. from **[S]** line and **1600** ft. from **[W]** line of sec. **20**  
**SW 1/4 Section 20** **T-29N** **R-13W** **N. 14. P. 14**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Utah Gallup** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5440** ft. **Calo**

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)

T.D. - 5317 V.D.T.D. - 3882  
 Run logs: top of Pictured Cliffs- 1173, Point Lookout- 366, Gallup- 4876  
 Perforated from 3842- 3858 with 6 shots per foot  
 Set 169 lbs., 5303' of 1/2" casing, landed at 3914'  
 Cemented 1st stage with 250 sacks, 2nd stage with 150 sacks.  
 D.V. tool - 1392'  
 Moved in completion unit, drilled cement 4/3/61  
 tested for 2 hrs. with 500# pressure  
 Pipe Clay.



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

Company **Arco Oil and Gas Company**  
 Address **Farmington, New Mexico**

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

ILLEGIBLE

REQUEST FOR OIL - ~~CRS~~ TABLE

New Well  
Recompletion

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

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 11, 1961

(Place)

(Date)

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

**Artco Oil and Gas Company**

**Bigood**

Well No. **21-6**

in **SW**

$\frac{1}{4}$ ..... $\frac{1}{4}$ ,

(Company or Operator)

(Tract)

**K**, Sec. **20**, T. **20N**, R. **13W**, NMPM, **Total Callup** Pool

Unit Letter

**San Juan**

County Date Sealed **3/23/61**

Date Drilling Completed **4/2/61**

Elevation **3042 C.L.** Total Depth **5314** PBDT **3062**

Top Oil/Gas Pay **4876** Name of Prod. Form. **Callup**

PRODUCING INTERVAL -

Perforations **5042-5058 with 6 shots per foot**

Open Hole \_\_\_\_\_ Depth **5314** Depth **3062**  
Casing Shoe \_\_\_\_\_ Tubing \_\_\_\_\_

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): **368** bbls. oil, **0** bbls water in **24** hrs, \_\_\_\_\_ min. Size **20/64** Choke

GAS WELL TEST -

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

Method of Testing (nitot, 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): **Pressed with 25,000# sand, 80# lbs. oil, flushed with 100 lbs. oil**

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new **4/9/61**  
Press. \_\_\_\_\_ Press. \_\_\_\_\_ oil run to tanks

Oil Transporter **El Paso Natural Gas Products (via New Mexico Tankers)**

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

Please indicate location:

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

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sex
8 5/8	200	170
4 1/2	5314	400
2 3/2	3062	---

Remarks:

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

Approved **April 11** APR 13 1961 **61**

**Artco Oil and Gas Company**

(Company or Operator)

ORIGINAL SIGNED BY JOE C. SALMON

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

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

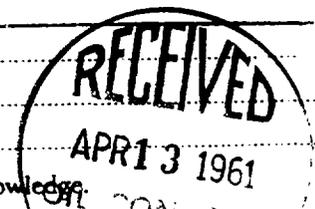
Title **District Superintendent**

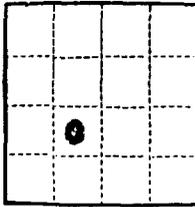
Send Communications regarding well to:

Name **Artco Oil and Gas Company**

Title Supervisor Dist. # **3**

Address **Drawer # 570, Farmington, New Mex.**





(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SP 97969  
Unit Maguel

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.....
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

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

April 10, 1961

Maguel  
Well No. 21-6 is located 1800 ft. from S line and 1685 ft. from W line of sec. 20  
NE 1/4 Section 20 T-9N R-13W P.M.S.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
DeSoto Gallup Santa Fe New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5440 ft. 6.2

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.M.S.M. - 2002  
Sand-Oil fraced with 25,000# sand, 80# Wils. oil, finished with 180 Wils. oil  
Breakdown pr.- 2100  
Maxima- 2600  
Avg. working pr.- 2500  
I.R. - 30 bpm  
10 min. shut-in pr.- 1100  
Flowing through tubing. (168 jts., 5252' 2-3/8" tbg., set @ 5222



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  
Farrington, New Mexico

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

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PROMOTION 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)  
 21

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator: **Astec Oil and Gas Company**      Lease: **Leased**      Well No.: **21-6**

Unit Letter: **K**      Section: **10**      Township: **29N**      Range: **13W**      County: **San Juan**

Pool: **Totah Galling**      Kind of Lease (State, Fed, Fee): **Fed.**

If well produces oil or condensate give location of tanks: \_\_\_\_\_      Unit Letter: \_\_\_\_\_      Section: \_\_\_\_\_      Township: \_\_\_\_\_      Range: \_\_\_\_\_

Authorized transporter of oil  or condensate   
**New Mexico Tankers, Inc.**      Address (give address to which approved copy of this form is to be sent)  
**Box # 2151, Farmington, New Mexico**

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

Authorized transporter of casing head gas  or dry gas       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)**

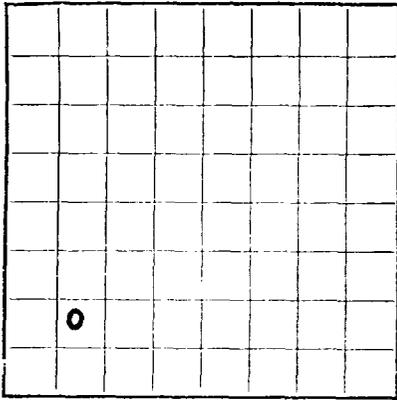
New Well .....       Change in Ownership .....   
 Change in Transporter (check one)      Other (explain below)  
 Oil .....       Dry Gas .....   
 Casing head gas .       Condensate..

**RECEIVED**  
 APR 14 1961  
 OIL CON. COM.  
 DIST. 3

Remarks  
 \_\_\_\_\_  
 \_\_\_\_\_

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.  
 Executed this the 14th day of April, 1961.

OIL CONSERVATION COMMISSION  Approved by Original Signed By <b>A. R. KENDRICK</b>  Title <b>PETROLEUM ENGINEER DIST NO 3</b>  Date <b>APR 14 1961</b>	By <b>ORIGINAL SIGNED BY JOE C. SALMON</b>  Title <b>Joe C. Salmon</b> <b>District Superintendent</b>  Company <b>Astec Oil and Gas Company</b>  Address <b>Drawer # 570, Farmington, New Mexico</b>
---	---



LOCATE WELL CORRECTLY

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Artec Oil and Gas Company Address Dresser # 570, Farmington, New Mex.  
Lessor or Tract Flagood Field Totah Gallup State New Mexico  
Well No. 21-0 Sec. 20 T. 29N R. 13W Meridian N.M.P.M. County San Juan  
Location 1880 ft. <sup>[N.]</sup> of S Line and 1685 ft. <sup>[E.]</sup> of W Line of Section 20 Elevation 5442 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.  
Signed \_\_\_\_\_

Date April 12, 1961 Title Joe C. Salmon  
District Superintendent

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

Commenced drilling 3/25/61, 19\_\_\_\_ Finished drilling 4/2/61, 19\_\_\_\_

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5242 to 5258 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	186					
4 1/2	10.5	8	J-55	235					
2 3/8	4.7	8	J-55	522					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	200	170	displacement		
4 1/2	524	400	two plug		
2 3/8	522				

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 25,000# sand, 80# Hbls. oil, flushed with 180 Hbls. oil  
Breakdown pr.- 2100, Maximum- 2500, Avg. treating pr.- 2500, I.R.- 30 bpm  
10 min. shut-in pr.- 1100#

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to 5317 feet, and from 0 feet to 5282 feet

DATES

Put to producing \_\_\_\_\_, 19\_\_\_\_ 4/9/61, 19\_\_\_\_

The production for the first 24 hours was 36 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 \_\_\_\_\_

FOLD MARK

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 1/2	J-55	186					
4 1/2	10.5	8 1/2	J-55	5309					
2 3/8	4.7	8 1/2	J-55	5252					

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	200	170	displacement		
4 1/2	5314	400	top plug		
2 3/8					

FOLD MARK

**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 25,000# sand, 50# Bbls. oil, finished with 180 Bbls. oil Breakdown pr.- 2100, Maximum- 2600, Avg. treating pr.- 2500, I.R.- 30 bpm 10 min. shut-in pr.- 1100#						

**TOOLS USED**

Rotary tools were used from 0 feet to 5317 feet, and from 0 feet to 5282 feet  
 Cable tools were used from 0 feet to 5317 feet, and from 0 feet to 5282 feet

**DATES**

....., 19..... Put to producing 4/9/61, 19.....  
 The production for the first 24 hours was 368 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	165	165	sand and shale
165	206	41	sand and shale
206	940	734	sand and shale
940	2486	1546	sand and shale
2486	2916	430	sand and shale
2916	3204	288	shale-siltstone
3204	3720	516	sand and shale
3720	3965	245	shale-siltstone
3965	4860	895	sand and shale
4860	5183	323	shale
5183	5317	134	sand and shale

PICTURED CLIFFS- 1173  
 POINT LOOKOUT- 3666  
 GALLUP- 4876

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LAND OFFICE	
TRANSPORTER	OIL
	NATURAL 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>Astec Oil and Gas Company</b>				Lease <b>Engel</b>	Well No. <b>21-6</b>
Unit Letter <b>K</b>	Section <b>20</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	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 28th day of April, 1961.

OIL CONSERVATION COMMISSION	By
Approved by <b>Original Signed Emery C. Arnold</b>	Title <b>L. M. Stevens</b>
Title <b>Supervisor Dist. # 3</b>	Company <b>Astec Oil and Gas Company</b>
Date <b>April 28 1961</b>	Address <b>Drawer # 570, Farmington, New Mexico</b>

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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 **AZTEC OIL AND GAS COMPANY** Lease **HAGOOD "G"** Well No. **21**

Unit Letter **K** Section **20** Township **29N** Range **13W** County **San Juan**

Pool **Total Gallup** Kind of Lease (State, Fed, Fee) **Fed.**

If well produces oil or condensate give location of tanks Unit Letter **N** Section **20** Township **29N** Range **13W**

Authorized transporter of oil  or condensate   
**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  No

Authorized transporter of casing head gas  or dry gas  Date Connected **9/15/61** Address (give address to which approved copy of this form is to be sent)  
**Jalou Gas Co., Inc.** **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)
  - 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 29th day of November, 1961.

<b>OIL CONSERVATION COMMISSION</b>	By
Approved by Original Signed By <b>A. R. KENDRICK</b>	Title <b>B. M. Perdue</b> Production Foreman
Title <b>PETROLEUM ENGINEER DIST NO 3</b>	Company <b>Aztec Oil &amp; Gas Company</b>
Date <b>DEC 4 1961</b>	Address <b>Drawer # 570, Farmington, New Mexico</b>

NUMBER OF COPIES RECEIVED	
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FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PRODUCTION 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 **AZTEC OIL & GAS COMPANY** Lease **AZTEC TOTAH UNIT** Well No. **#8**

Unit Letter **K** Section **20** Township **29N** Range **13W** County **SAN JUAN**

Pool **TOTAH GALLUP UNIT** Kind of Lease (State, Fed, Fee) **FED.**

If well produces oil or condensate give location of tanks Unit Letter **N** Section **20** Township **29N** Range **13W**

Authorized transporter of oil  or condensate  Address (give address to which approved copy of this form is to be sent)

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

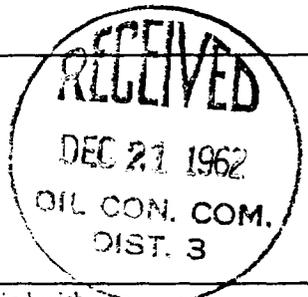
Authorized transporter of casing head gas  or dry gas  Date Connected \_\_\_\_\_ Address (give address to which approved copy of this form is to be sent)

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
  - Casing head gas  Condensate
- Other (explain below) **NAME CHANGE**

Remarks  
**THIS WELL FORMERLY NAMED HAGOOD "G" - 21  
NOW CHANGED TO AZTEC TOTAH UNIT #8**



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

NUMBER OF COPIES RECEIVED	
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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 AND GAS COMPANY** Lease **AZTEC TOTAH UNIT** Well No. **8**

Unit Letter **K** Section **20** Township **T-29N** Range **R-13W** County **San Juan**

Pool **TOTAH GALLUP UNIT** Kind of Lease (State, Fed, Fee) **Fed.**

If well produces oil or condensate give location of tanks Unit Letter **N** Section **20** Township **29N** Range **13W**

Authorized transporter of oil  or condensate   
**Four Corners Pipeline** Address (give address to which approved copy of this form is to be sent)  
**Box # 1588, Farmington, New Mexico**

Is Gas Actually Connected? Yes  No

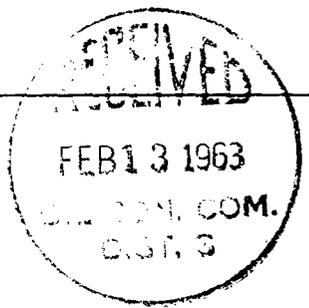
Authorized transporter of casing head gas  or dry gas  Date Connected **9/15/61** Address (give address to which approved copy of this form is to be sent)  
**Jalou Gas Company, Inc.** **Box# 5426, Tulsa, Oklahoma**

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  Name Change-----XX  
Casing head gas  Condensate

Remarks  
This well formerly named Hagood "G" -21  
Now changed to Aztec Totah Unit # 8



(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, 1963.

OIL CONSERVATION COMMISSION	By <i>B. H. Means</i>
Approved by <i>A. R. Hendrick</i>	Title <b>B. H. Means</b> <b>District Engineer</b>
Title <b>PETROLEUM ENGINEER DIST NO. 3</b>	Company <b>Aztec Oil &amp; Gas Company</b>
Date <b>FEB 13 1963</b>	Address <b>Drawer # 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. 42-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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <b>Astec Oil &amp; Gas Company</b>		8. FARM OR LEASE NAME <b>Astec Total Unit</b>
3. ADDRESS OF OPERATOR <b>Drawer 570, Farrington, New Mexico</b>		9. WELL NO. <b>8</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>1000 SW, 1005 SW, Sec. 20, T-29N, R-13W</b>		10. FIELD AND POOL, OR WILDCAT <b>Total Gallup</b>
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 20, T-29N, R-13W</b>
15. ELEVATIONS (Show whether DF, RT, CR, etc.) <b>5142 GL</b>		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>N. Mex.</b>

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 checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input checked="" type="checkbox"/>	CHANGE PLANS <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.)\*

Proposed work:

Pull rods and tubing.  
 Set bridge plug immediately above Gallup perforations.  
 Run casing inspection log to locate holes in casing.  
 Grout holes with approximately 250 sacks cement.  
 Drill cement and pressure test casing.  
 Return tubing and rods and put well back on production.



ILLEGIBLE

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

Original Signed By Carl E. Jamason TITLE Geologist and Engineer DATE 9-7-65

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LF - 07965

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Aztec Total Unit

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Total Gallup

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

Sec. 20, T-29N, R-13W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Aztec Oil & Gas Company

3. ADDRESS OF OPERATOR

Drawer 510, Farmington, New Mexico

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

1800 FWL, 1685 FWL, Sec. 20, T-29N, R-13W

14. PERMIT NO.

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

5442 GL

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

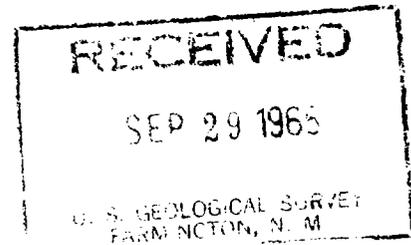
ALTERING CASING

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 pertinent to this work.)\*

Moved on pulling and setting.  
Full rods and pump.  
Pull 2-3/8" tubing.  
Set Bridge Plug at 4500'.  
Squeezed with 350 sacks of class "c" cement.  
Squeezed to 2500'.  
Drill out cement to 2200'.  
Pressure check casing - okay.  
Drill out Bridge Plug.  
Run 2-3/8" tubing.  
Run rods and pump.  
Moved on pulling and setting.  
Put well back on production.



ILLEGIBLE

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

ORIGINAL SIGNED BY JOE C. SALMON

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form Approved  
Budget Bureau No. 42-R142

5. LEASE DESIGNATION AND SERIAL NO.

SE-079065

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Aztec Totah Unit

9. WELL NO.

#8

10. FIELD AND POOL, OR WILDCAT

Totah Unit

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

Section 20-29N-13W

12. COUNTY OR PARISH 13. STATE

San Juan New Mex

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Aztec Oil & Gas Company

3. ADDRESS OF OPERATOR

Drawer 570, Farmington, New Mexico

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

1880 FSL & 1685 FWL, Section 20-29N-13W

14. PERMIT NO.

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

5442 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) Convert to WI

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) \_\_\_\_\_

REPAIRING WELL

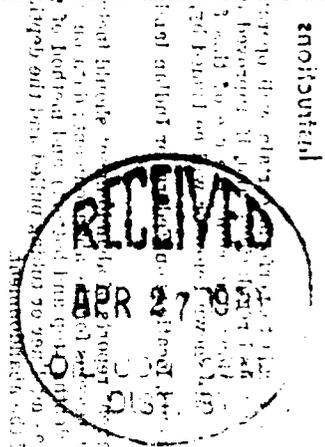
ALTERING CASING

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 and 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.)\*

Pull rods & tubing.  
Test casing.  
Run tubing w/packer.  
Commence water injection.  
Acidize perms as necessary.



APR 24 1970

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

SIGNED

*J. C. Salmon*

TITLE

District Superintendent

DATE

April 23, 1970

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-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.)

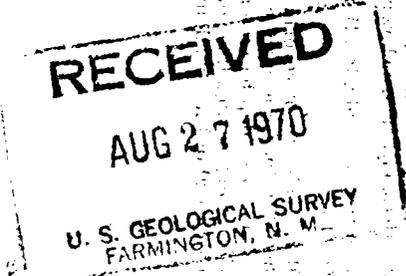
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR <i>Astec Oil &amp; Gas Company</i>		8. FARM OR LEASE NAME <i>Astec Totah Unit</i>
3. ADDRESS OF OPERATOR <i>Drawer 570, Farmington, New Mexico</i>		9. WELL NO. <i>#8</i>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <i>1880 FSL &amp; 1685 FWL, Section 20-29N-13W</i>		10. FIELD AND POOL, OR WILDCAT <i>Totah Gallup</i>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) <i>5442 Gr</i>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <i>Section 20-29N-13W</i>
		12. COUNTY OR PARISH <i>San Juan</i>
		13. STATE <i>New Mexico</i>

18. 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"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Converted To W.I.</u>	<input checked="" type="checkbox"/>
(Other)		(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.)\*

*Pulled Rods & Tubing.  
Ran 2-3/8" Tubing & Set Packer @ 5202'.  
Manifold Well Head & Started Injection.  
Initial Injection - 289 BW Per Day @ 827 PSI.*



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

SIGNED *Joe C. Anderson* TITLE *District Superintendent* DATE *August 26, 1970*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.  
SF-179065

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. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Aztec Totah Unit

9. WELL NO.

#8

10. FIELD AND POOL, OR WILDCAT

Totah Gallup

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

Section 20-29N-13W

12. COUNTY OR PARISH 13. 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

1880' FSL & 1680' FWL  
Section 20-29N-13W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5442' GR

18. 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)

Temporarily Abandon

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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.

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:

NO. OF COPIES RECEIVED	
DISTRIBUTION	2
SANTA FE	1
FILE	1
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL 1 GAS
OPERATOR	4
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  
**Southland Royalty Company**

Address  
**P. O. Drawer 570, Farmington, New Mexico**

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  **Name change**

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

DESCRIPTION OF WELL AND LEASE

Lease Name <b>Aztec Totah Unit</b>	Well No. <b>8</b>	Pool Name, including Formation <b>Totah Gallup</b>	Kind of Lease State, Federal or Fee <b>SF-079065</b>	Lease No.
Location Unit Letter <b>K</b> : <b>1880</b> Feet From The <b>South</b> Line and <b>1685</b> Feet From The <b>West</b>	Line of Section <b>20</b>	Township <b>29N</b>	Range <b>13W</b>	County <b>San Juan</b>

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of 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 1588, Farmington, New Mexico</b>
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 Restv.	Diff. Restv.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, R&B, RT, CR, 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

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)

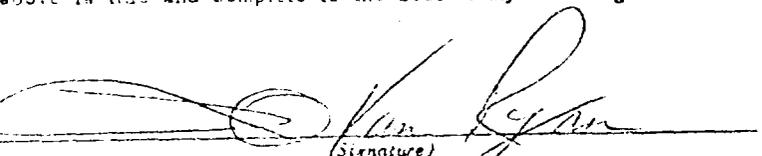
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbla.	Water-Bbla.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbla. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, 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.

  
District Production Mgr.  
1-1-78  
(Date)

OIL CONSERVATION COMMISSION

JAN 1 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 OIL CONSERVATION DIVISION  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

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

I. OPERATOR

Operator: Paramount Petroleum Corp.

Address: P.O. Box 22763 Houston, Tx. 77027

Reason(s) for filing (Check proper box):

New Well  Change in Transporter of: Oil  Dry Gas

Recompletion  Casinghead Gas  Condensate

Change in Ownership  Other (Please explain):

If change of ownership give name and address of previous owner: Southland Royalty Co. 1000 Ft. Worth Club Tower, Ft. Worth, Tx.

II. DESCRIPTION OF WELL AND LEASE

Lease Name: Aztec Totah Unit Well No.: 8 Location, including Formation: Gallup Kind of Lease: FEDERAL Lease No.: SF 07906

Location: Unit Letter K: 1880 Feet From The S Line and 1685 Feet From The W Line of Section 20 Township 29 N Range 13 W, NMPM, San Juan Co., County

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 is to be sent): 501 Airport #151 Farmington, N.M. 87401

Name of Authorized Transporter of Casinghead Gas  or Dry Gas : 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.
<input checked="" type="checkbox"/>								
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DA, 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/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shot-in)	Casing Pressure (Shot-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.

[Signature]  
(Signature)

V.P. Operations  
(Title)

03/03/81  
(Date)

OIL CONSERVATION DIVISION

APPROVED MAR 03 1981, 19  
Original Signed by FRANK T. CHAVEZ

BY SUPERVISOR DISTRICT # 3

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deeper 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 able 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 multi-



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO GRAZOS 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.