

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐	5. LEASE DESIGNATION AND SERIAL NO. Santa Fe 077651
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR AZTEC OIL & GAS COMPANY	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR DRAWER #570, FARMINGTON, NEW MEXICO	8. FARM OR LEASE NAME RICHARDSON
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1160' FSL 980' FSL Sec. 10-T31N-R12W, San Juan County, New Mexico At proposed prod. zone	9. WELL NO. 8-D
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*	10. FIELD AND POOL, OR WILDCAT DASIN SAKOTA
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10-T31N-R12W
	12. COUNTY OR PARISH SAN JUAN
	13. STATE NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)	16. NO. OF ACRES IN LEASE 324	17. NO. OF ACRES ASSIGNED TO THIS WELL 324
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 7445	20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6206 Ground	22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 1/2	300'	
7 7/8"	4 1/2"	10 1/2	7445	

PROPOSE TO:

Run 300 feet of 8 5/8" surface casing cemented to surface
Run 7445 feet of 4 1/2" production casing cemented with 200 sacks
Run DV tool to be set at base of Mesaverde and cemented to cover formation cemented with 300 sacks

Perforate and frac Dakota formation
Run 2 3/8" inch tubing

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OIL CON. COM.
DIST. 3

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. ORIGINAL SIGNED BY JOE C. SALMON
SIGNED JOE C. SALMON TITLE DISTRICT SUPERINTENDENT DATE 11-18-63
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

SECTION A.

DATE November 15, 1963

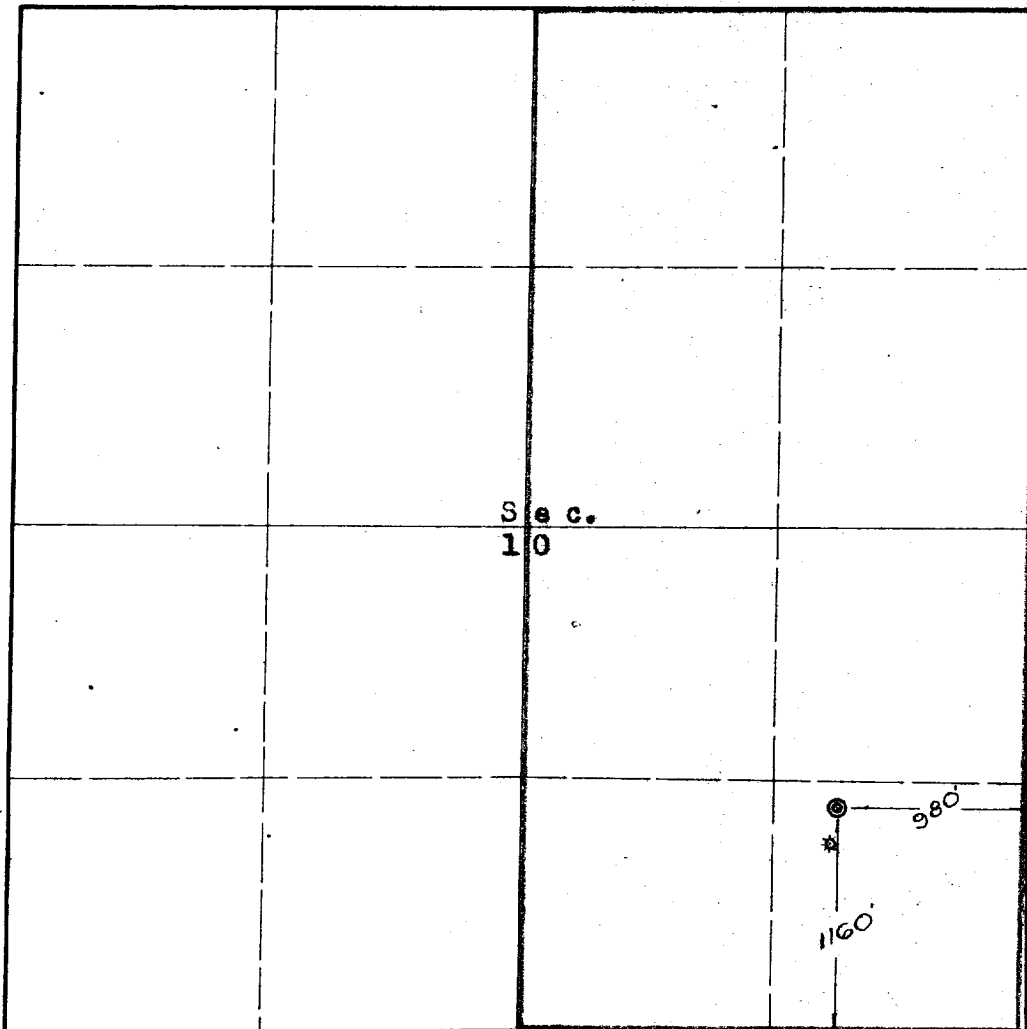
OPERATOR Aztec Oil & Gas Company LEASE Richardson
WELL NO. 8-D UNIT LETTER P SECTION 10 TOWNSHIP 31 North RANGE 12 West NMPM
LOCATED 1160 FEET FROM South LINE, 980 FEET FROM East LINE
COUNTY San Juan G. L. ELEVATION 6206 DEDICATED ACREAGE 0.320 ACRES
NAME OF PRODUCING FORMATION Sabote POOL Sabote Sabote

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.



Scale, 1 inch = 1000 feet

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OIL CON. COM.
DIST. 3

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 & GAS COMPANY

(OPERATOR)

ORIGINAL SIGNED BY JOE C. SALMON
JOE C. SALMON

(REPRESENTATIVE)

DRAWER #570, FARMINGTON, N.MEX.

(ADDRESS)

THIS IS TO CERTIFY THAT THE WELL LOCATED ON THE PLAT IN SECTION 10 IS 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 Nov. 15, 1963

FOUR STATES
ENGINEERING CO.

FARMINGTON, NEW MEXICO

Ernest V. Echols
REGISTERED ENGINEER OR
LAND SURVEYOR

CERTIFICATE NO. 3602

AZTEC OIL & GAS COMPANY

3-25-68

WELLS REQUIRING FILE CORRECTION ONLY

LEASE NAME & WELL NUMBER	LOCATION	POOL	PRESENT ACREAGE	CORRECT ACREAGE
Hanks #11	L-7-27N-9W	Basin Dak.	S 320	S 321.58✓
Hanks #13	A-12-27N-10W	Fulcher Kutz PC	160	158.31✓
Hanks #13	A-12-27N-10W	Basin Dak.	N 320	N 318.31✓
Reid #15	D-18-28N-9W	Aztec PC	141.29	140.99✓
Hare #16	H-3-29N-10W	Basin Dak.	N 323	N 323.04✓
Walker #2	D-3-29N-12W	Fulcher Kutz PC	160	159.58✓
Nye #9	D-1-30N-11W	Aztec PC	160	160.30✓
F. J. Titt Com #1	E-2-30N-11W	Aztec PC	160	160.10✓
Grenier #16	P-6-31N-11W	Basin Dak.	E 320	E 320.69✓
Grenier #10	E-18-31N-11W	Aztec PC	160	160.30✓
Grenier #15	F-18-31N-11W	Basin Dak.	W 320	W 320.40✓
Grenier #8	M-18-31N-11W	Aztec PC	160	160.10✓
Patterson B Com #1	E-2-31N-12W	Blanco MV	W 320	W 320.85✓
Culpepper Martin #16	C-4-31N-12W	Basin Dak.	W 320	W 318.79✓
Richardson #8	P-10-31N-12W	Basin Dak.	E 324	E 320✓
Grenier #3	P-13-31N-12W	Basin Dak.	E 308.25	E 307.78✓
Richardson #7	J-15-31N-12W	Basin Dak.	E 309.58	E 309.55✓
Richardson #6	I-22-31N-12W	Blanco MV	E 297	E 297.04✓
Richardson #6	I-22-31N-12W	Basin Dak.	E 297	E 297.04✓
East #6	D-23-31N-12W	Basin Dak.	W 320	W 321.06✓

WELLS FOR WHICH FORM C-102, ACREAGE DEDICATION PLAT, MUST BE FILED
(PLEASE FILE IN TRIPLICATE)

Hanks #18	B-5-27N-9W	So. Bl. PC	149.06	159.73 - 2-17-68
Hanks #18	B-5-27N-9W	Basin Dak.	E 298.58	E 319.73 - 2-17-68
Hanks #16	K-6-27N-9W	Fulcher Kutz PC	158.63	162.10 - 2-17-68
Newman B #6	M-19-28N-10W	Basin Dak.	W 320	W 328.80 - 2-17-68
Davis #13	C-1-31N-12W	Basin Dak.	W 312.29	W 310.79 - 2-17-68

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SANTA FE 077651

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

RICHARDSON

9. WELL NO.

8-B

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 10- 31N-R12W

12. COUNTY OR PARISH 13. STATE

SAN JUAN

NM MEXICO

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 ☐ GAS ☒ OTHER
WELL WELL

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

**1160' FSL 980' FSL
Section 10-T31N-R12W
SAN JUAN COUNTY, NEW MEXICO**

14. PERMIT NO.

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

6206 Ground

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.)*

Well was spudded 12-12-63 12:45 PM
Ran 11 joints 320 feet of 8 5/8" casing, landed at 331 feet.
Cemented with 250 sacks 50-50-pozmix Class "C"
Tested casing with 500# pressure for 30 minutes. No leaks
Drilled cement 12-13-63
Tested with 500# pressure for 30 minutes.
No drop in pressure.



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

SIGNED **ORIGINAL SIGNED BY JOE C. SALMON** TITLE **DISTRICT SUPERINTENDENT**

DATE **12-16-63**

JOE C. SALMON

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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 ☐ GAS WELL ☒ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SANTA FE 077631
2. NAME OF OPERATOR AMTEC OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR DRAWER #570, FAIRMINGTON, NEW MEXICO		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1160' FEL 980' FEL SECTION 10-T31N-R12W SAN JUAN COUNTY, NEW MEXICO		8. FARM OR LEASE NAME RICHARDSON
14. PERMIT NO.		9. WELL NO. 8-D
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6206 Ground		10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 10-T31N-R12W
		12. COUNTY OR PARISH SAN JUAN
		13. STATE NEW MEXICO

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(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.)*

Total Depth 7450'

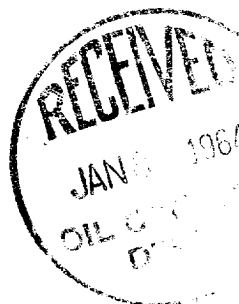
Ran 4 1/2" casing, 235 joints 9.5 and 11.6# casing 7439' set at 7449'.

Cemented 1st stage with 250 sacks 50-70 pound Class "C". Cemented 2nd stage with 125 sacks 50-70 pound 6 1/2 gal and 12 1/2 gal per sack gilsonite Class "C".

Cemented 3rd stage with 100 sacks 50-70 pound 6 1/2 gal & 12 1/2 gal per sack of gilsonite.

Perforated 4 shots/foot from 7195-7207; 7274-7300; 7306-7322; 7333-7337; and 7356-7370.

Logs: Picture Cliffs 2730; Cliff House 4849; Point Lookout 4993; Gallup 6370; Greenhorn 7080; Graneros 7134; Dakota 7269.



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U. S. GEOLOGICAL SURVEY
FAIRMINGTON, NEW MEXICO

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

ORIGINAL SIGNED BY JOE C. SALMON

SIGNED JOE C. SALMON TITLE DISTRICT SUPERINTENDENT

DATE 1-6-64

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

DATE _____

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