

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Getty Oil Company (307) 265-8386		8. Farm or Lease Name Paul Williams
3. Address of Operator P.O. Box 3360, Casper, Wyoming 82602		9. Well No. 3E
4. Location of Well UNIT LETTER A LOCATED 890 FEET FROM THE North LINE AND 1010 FEET FROM THE East LINE OF SEC. 35 TWP. 26N RGE. 6W NMPM		10. Field and Pool, or Wildcat Basin Dakota
12. County Rio Arriba		
19. Proposed Depth 7550		19A. Formation Dakota
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 6679 GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Mesa Drillers
22. Approx. Date Work will start February 6, 1981		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24	350	250	Surface
7 7/8	5 1/2	14 & 15.5	7550	1100	Surface

See attached prognosis. Pressure control equipment included in prognosis.

Gas is dedicated

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

8-5-81



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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed AR Kendrick Title Consultant Date February 5, 1981

(This space for State Use)

APPROVED BY Frank J. Gray TITLE SUPERVISOR DISTRICT 3 DATE FEB 5 1981

CONDITIONS OF APPROVAL, IF ANY:

All distances must be from the outer boundaries of the Section.

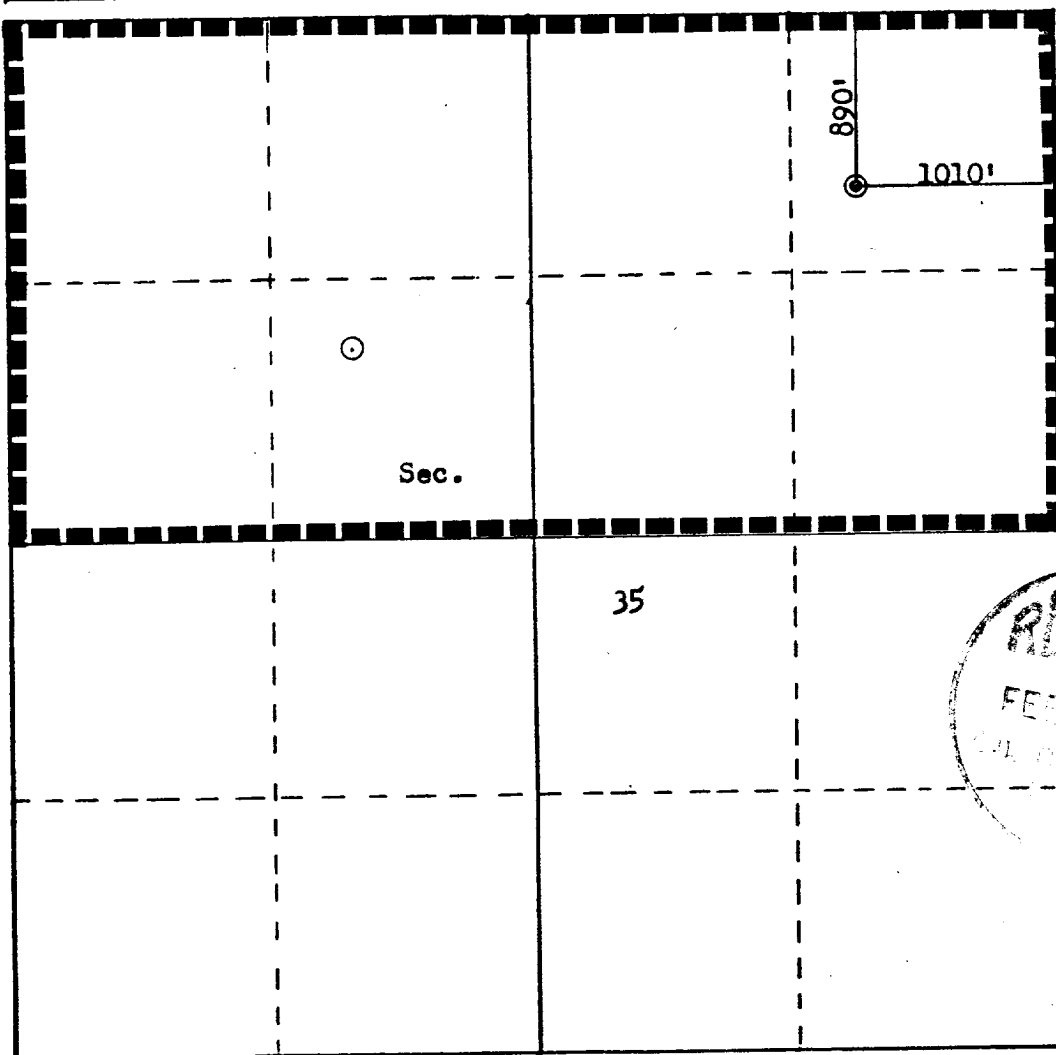
Operator GETTY OIL COMPANY			Lease PAUL WILLIAMS		Well No. 3E
Unit Letter A	Section 35	Township 26N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 890 feet from the North line and 1010 feet from the East line					
Ground Level Elev: 6679	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
W. R. Kendrick
Position
Consultant
Company
Getty Oil Company
Date
February 5, 1981

I hereby certify that the well location shown on this plat 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
January 28, 1981
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. **3950**

DRILLING PROGNOSIS

GETTY OIL COMPANY
PAUL WILLIAMS #3E
890'FNL 1010'FEL
A-35-T26N-R6W

1. SURFACE FORMATION:

San Jose

2. & 3. ESTIMATED TOPS AND OIL, GAS AND WATER ZONES:

Ojo Alamo	1908	
Pictured Cliffs	2582	Gas
Chacra	3466	Gas
Mesaverde	4249	Gas
Mancos		
Gallup	6005	Oil
Greenhorn	6739	
Dakota	6924	Gas - Main Objective

If any water zones are encountered they will be adequately protected and reported, none anticipated.

4. CASING PROGRAM: (All New)

<u>Hole Size</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size</u>	<u>Weight, Grade & Joint</u>
12 1/4"	0-350'	350'	8 5/8"	24.0#, K-55, 8rd-ST&C
7 7/8"	0-5610'	5610'	5 1/2"	14.0#, K-55, 8rd-ST&C
7 7/8"	5610-7550'	1940'	5 1/2"	15.5#, K-55, 8rd-ST&C

5. PRESSURE CONTROL EQUIPMENT:

Schematic Attached.

Type:

9 or 10" - 900 Series - Double Gate

Pressure Rating:

3000 psi

Testing Procedure:

Equipment will be pressure tested to 1500 psi prior to drilling out from under surface and operational checks will be made daily and recorded on tour sheet.

6. MUD PROGRAM: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Mud Weight</u>	<u>Viscosity</u>	<u>W.L.</u>	<u>Additives</u>
0-350'	Gel/Lime	8.4-9.0	30-45	NC	Gel/Lime
350-5610	Gel/Lime	8.4-8.9	30-32	NC	Gel/Lime
5610-7550	LSND	8.4-9.2	34-38	10	Gel, Starch, CMC

Sufficient mud inventory will be maintained on location during drilling.

7. AUXILIARY EQUIPMENT:

1. A kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system.
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.
4. No bit float will be used.

8. EVALUATION PROGRAM:

Logs:	Dual Induction-SFL-Base of surface casing to T.D. Compensated Neutron-Formation Density Gamma continued to surface
DST's:	None
Cores:	None

9. ABNORMAL CONDITIONS:

It is not anticipated that abnormal temperatures, pressures or toxic gases will be encountered.

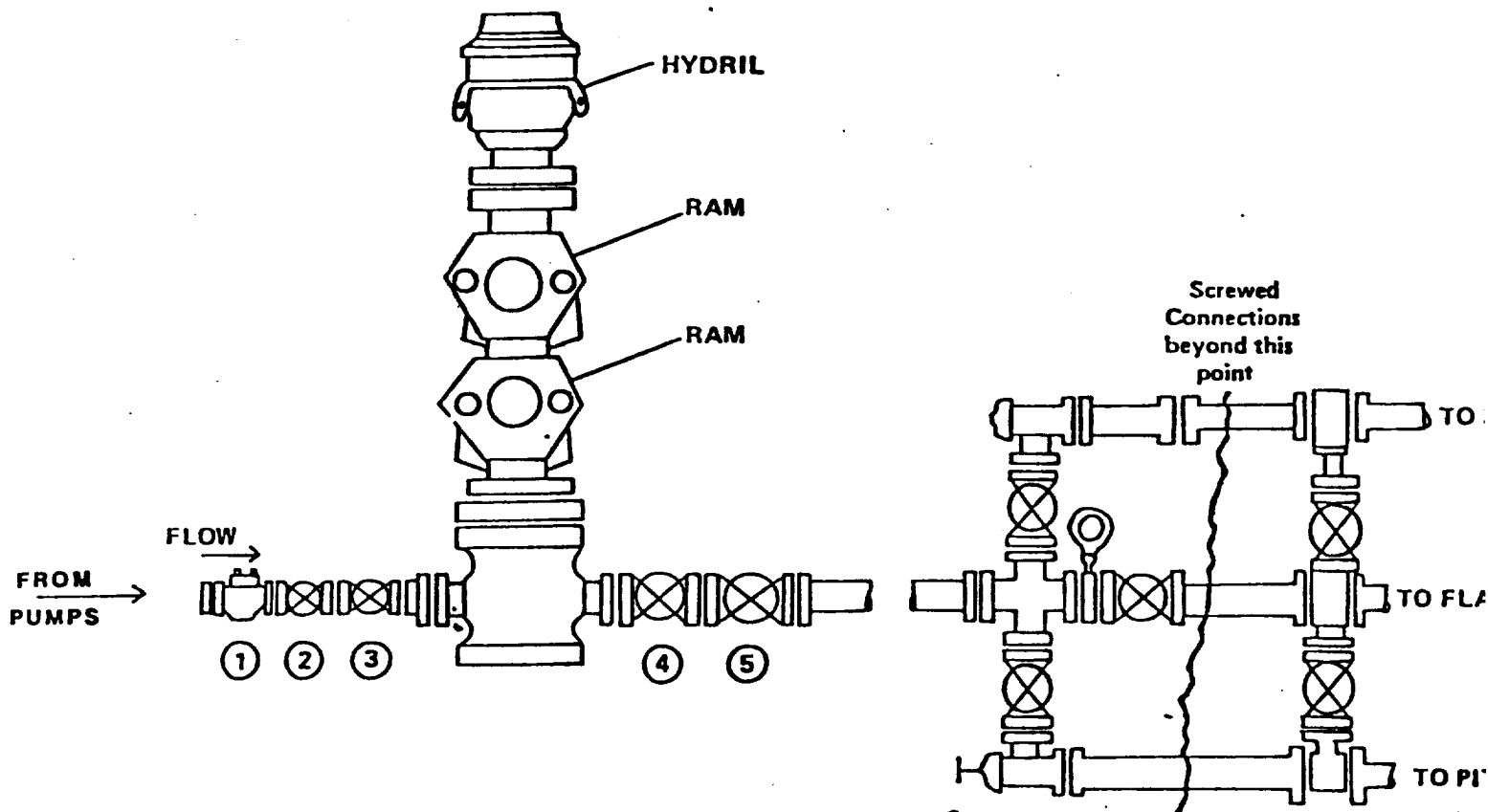
10. DRILLING ACTIVITY:

Anticipated commencement date: As soon as approved

Required drilling days: Approximately 18

Required completion days: Approximately 15

MINIMUM BOP Requirements



KILL LINE

Valve #1 – Flanged check valve
Full working pressure
of BOP

Valves #2 & 3 – Flanged, minimum 2" bore
Full working pressure of BOP

CHOKE LINE

Valve #4 & 5 – Flanged minimum 2" bore full
working pressure of BOP
(Note: An HCR can be used
instead of Valve #5)

GENERAL RULES AND RECOMMENDATIONS

1. Test Rams to 50% working pressure, Hydril to 30% of working pressure.
2. All lines to manifold are to be at right angles (90°). No 45° angles are to be used. Blind flanges are to be used for blanking.
3. ALL studs and nuts are to be installed on all flanges.
4. Choke manifold may be screwed connections behind chokes.