

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-039-21672
5. LEASE DESIGNATION AND SERIAL NO.

USA-SF-079035

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Scott Federal

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT
Basin Dakota11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Blanco MV & Otero Chacra

Sec 17, T26N, R6W

12. COUNTY OR PARISH

Rio Arriba

13. STATE
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Mesa Petroleum Co.

3. ADDRESS OF OPERATOR

Box 2009; Amarillo, Texas 79105

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1570' from south line & 1850' from west line

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 22 miles NW of Huerfano Trading Post

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320 Dak, 320 MV & 160 Chacra

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7660'

20. ROTARY OR CABLE TOOLS

Rotary

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

6698 G.L.

22. APPROX. DATE WORK WILL START*

April 15, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	10 3/4 (NEW)	40.5	300'	525 Sk
8½"	7 (NEW)	23.0	5600'	730 Sk
6½"	4½ (NEW)	10.5	Liner 5400-7660'	380 Sk

The 17½" hole will be drilled with spud mud. Surface casing will be run and cemented as above. A 10" 900 series will be installed and tested to 800 psi prior to drilling from under surface.

The 8½" hole will be drilled to 5600' using a gel chem mud with the approximate following properties: wt. 9.2 lb./gal, vis 35 sec/qt, w.l. ± 10 cc/30 min. Open hole logs will consist of IES and FDC/CNL with Gamma ray & caliper. The 7" casing will be run and cemented as above.

Gas will be used to drill from under to 7" casing to t.d. Open hole logs will consist of Gamma ray. Induction, and FDC with caliper. If commercial, the 4½" liner will be run and cemented as above. If non-commercial, all or just the non-productive portion of the hole will be plugged according to U.S.G.S. specifications.

No hazardous gasses or abnormal temperatures or pressures are expected.

Safety equipment will consist of a drill pipe float, drilling rotating head and a stabbing valve on the rig floor.

Gas under this lease is not dedicated.

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.

SIGNED

John Alexander
John Alexander

TITLE Agent

DATE

3-27-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

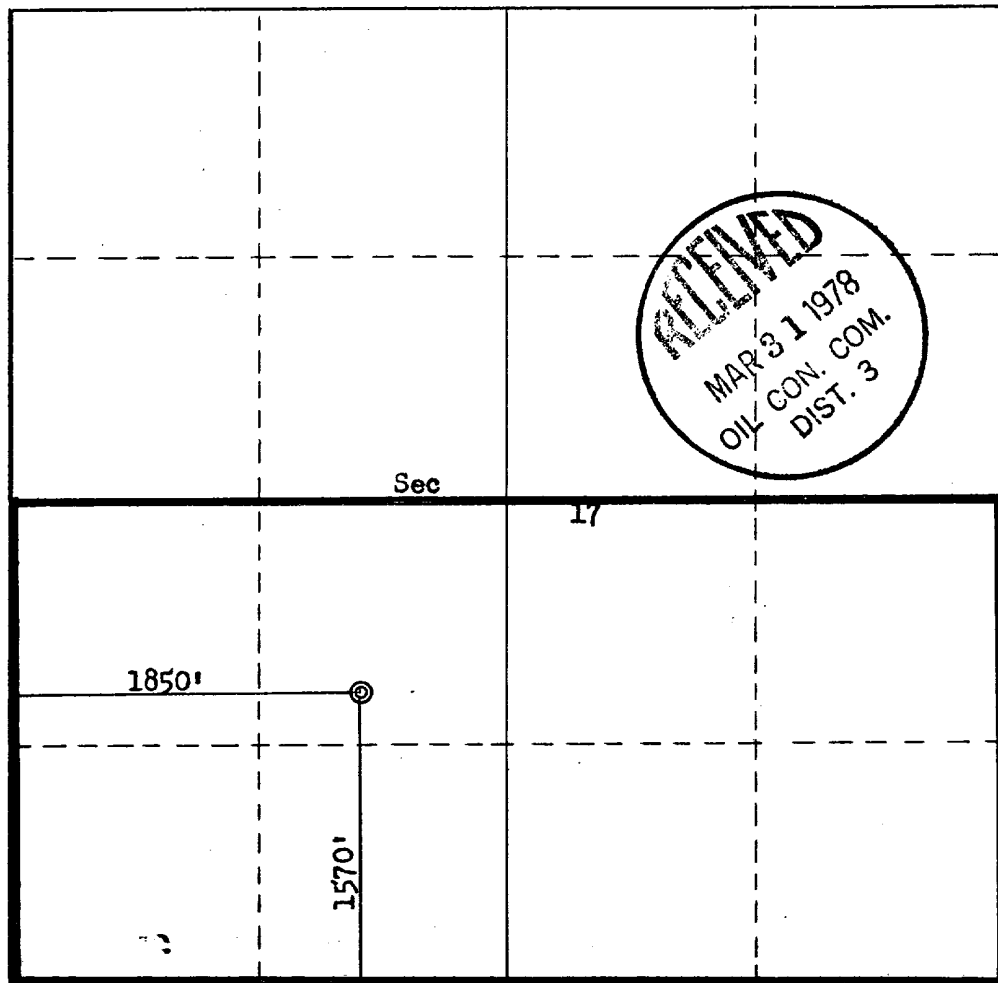
State

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator Mesa Petroleum Company			Lease Scott-Federal		Well No. 6
Unit Letter K	Section 17	Township 26N	Range 6W	County Rio Arriba	
Actual Footage Location of Well:					
1570 feet from the South line and		1850 feet from the West line			
Ground Level Elev. 6699	Producing Formation Chacra, Mesa Verde, Dakota	Pool Blanco MV, Otero Chacra	Basin Dakota Chacra 160 Dedicated Acreage: MV 320, Dak 320 Acres		
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation _____</p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>					



CERTIFICATION

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

John Alexander
Name

John Alexander
Position

Agent
Company

Mesa Petroleum
Date

3-27-78

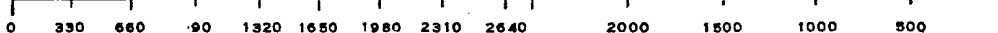
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

March 27, 1978
Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr, Jr.
Certificate No. **3950**

Fred B. Kerr, Jr.
Certificate No. **3950**



3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 —:— 505/327-4020

FARMINGTON, NEW MEXICO 87401

March 27, 1978

U.S. Department of Interior
Geological Survey
P.O. Box 1809
Durango, Co. 81301

Attention: Mr. Edward Schmidt
District Engineer

RE: Development Plan for Surface Use
Mesa Petroleum Company
Scott Federal #6
1570' FSL & 1850' FWL
17, T26N, R6W
Rio Arriba Co., NM

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: surveyor's plat, drill site plat and vicinity map.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on all roads where necessary. All newly constructed roads will be approximately 15' wide.

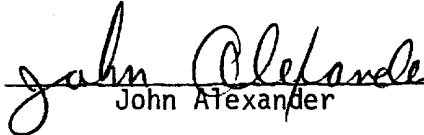
Point 5. Water for drilling will be trucked from Lowery Camp approximately 3 miles to the north.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered.

Point 8. No camps or airstrip.

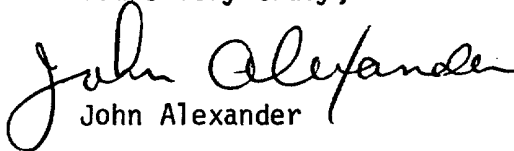
- Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded in compliance with current Bureau of Land Management requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry.
- Point 11. This location is on the northwest side of Ensenada Mesa. Terrain is relatively level with a gently northwesternly slope. Native grasses and sage brush cover the area. Access will be made by an existing road to the south. Approximately 500' of new road will be required.
- Point 12. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
Phone: 505-327-4020
- Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Mesa Petroleum and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

March 27, 1978


John Alexander

Should further information be desired, please advise.

Yours very truly,


John Alexander

JA:dew

Attachments

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. BOX 190 —:— 505/327-4020

FARMINGTON, NEW MEXICO 87401

March 27, 1978

Scott Federal #6

Formation Tops

Pictured Cliffs	3002	(+3696)	(non-productive)
Chacra	3920	(+2778)	(gas)
Cliff House	4676	(+2022)	(gas)
Menefee	4716	(+1982)	(gas)
Point Lookout	5216	(+1482)	(gas)
Graneros	7176	(-478)	(non-productive)
Dakota	7376	(-678)	(gas)

Well site Plat

access road

300'

NORTH

earthen
reserve
Pit

S-
E-
C-
T-
S

d
P-
I-
S

K
C
P
T
P
I
T

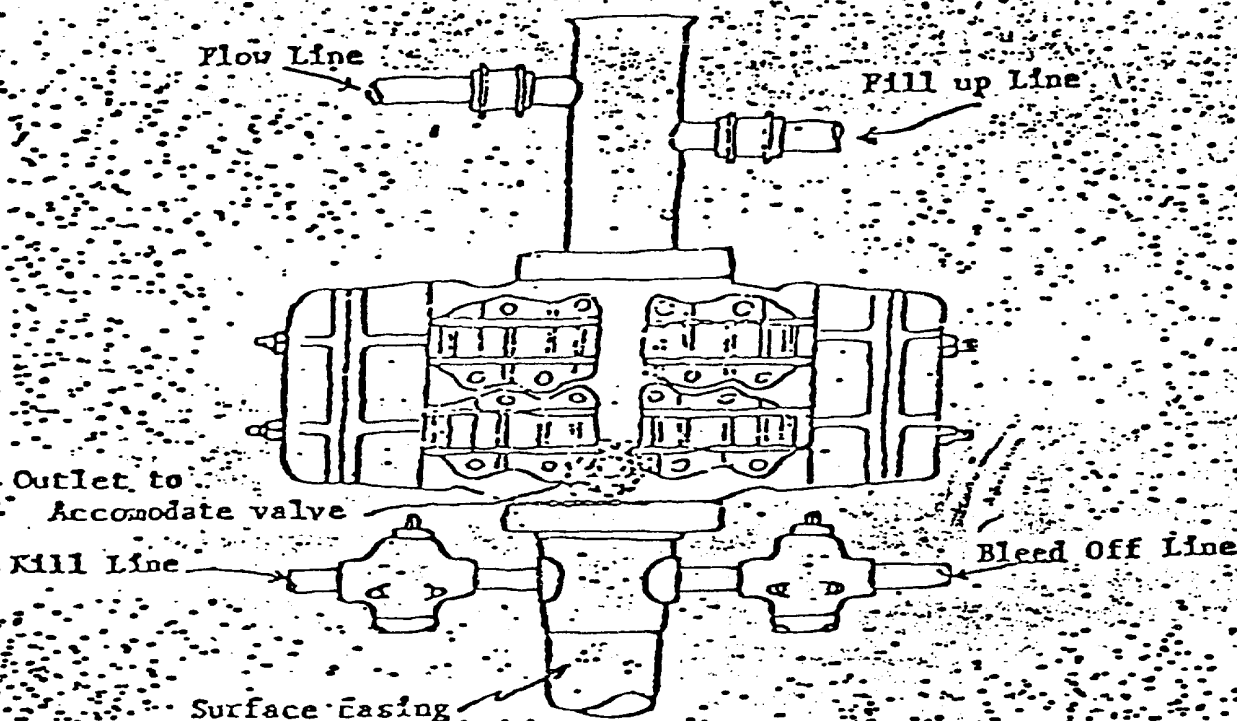
R
I
G

TRASH

200'

Scale 1"=40'

Scott-Federal #6
Sec 17, 26N 6W
Rio Arriba, NM



Blowout preventer is Shaffer double hydraulic equipped with drill pipe rams in the top and blind rams in the bottom.

Blowout preventer closing unit is Kookey 30 gallon accumulator unit.

When choke manifold is used, it will be installed downstream from bleed off valve.

Kill line or bleed off line may be installed at flanged opening in blowout preventer.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

