Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

30-031-20553

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 ☐

b. TYPE OF WELL
OIL WELL [X] GAS WELL ☐ OTHER SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
George E. Coleman

3. ADDRESS OF OPERATOR
Drawer 3337
Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
990' FWL, 660' FNL
At proposed prod. zone
Same

5. LEASE DESIGNATION AND SERIAL NO.
NM 15646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Robinson-Coleman

9. WELL NO.
3

10. FIELD AND POOL, OR WILDCAT
Franciscan Lake Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T20N, R6W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
22 miles SE Counselor, N. M.; 5 miles SW Ojo Encino School

12. COUNTY OR PARISH
McKinley

13. STATE
N.M.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
1742.38

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1320'+

19. PROPOSED DEPTH
3000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6790 Gr.

22. APPROX. DATE WORK WILL START*
12-1-1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11¼	8-5/8	24#	100	100 sx
7-7/8	4-1/2	9.5#	3000	350 sx

See Attachments

Gas under this lease is not dedicated to a contract.

RECEIVED
NOV 6 1978
U. S. GEOLOGICAL SURVEY

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 Carol A. Kennedy TITLE Agent DATE 11-1-1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ok Frank

*See Instructions On Reverse Side

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	Lease	Well No.
GEORGE E. COLEMAN	ROBINSON COLEMAN	3

Unit Letter	Section	Township	Range	County
D	13	20 NORTH	6 WEST	McKINLEY

Actual Footage Location of Well:
660 feet from the NORTH line and 990 feet from the WEST line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
6790' Gr	Point Lookout	Franciscan Lake Mesaverde	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

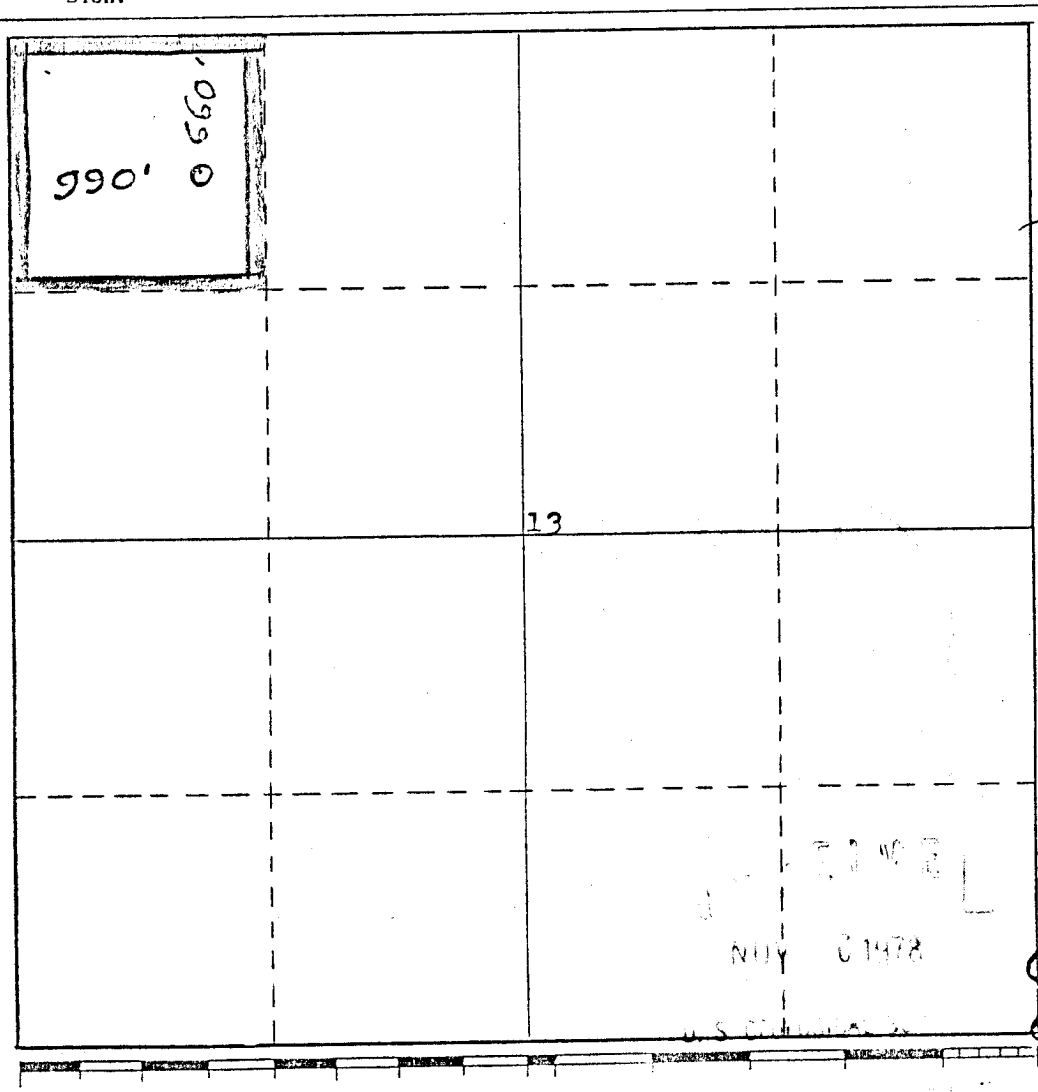
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.



CERTIFICATION

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

Name Claude C. Kennedy

Position Agent

Company George E. Coleman

Date 11-1-1978

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.

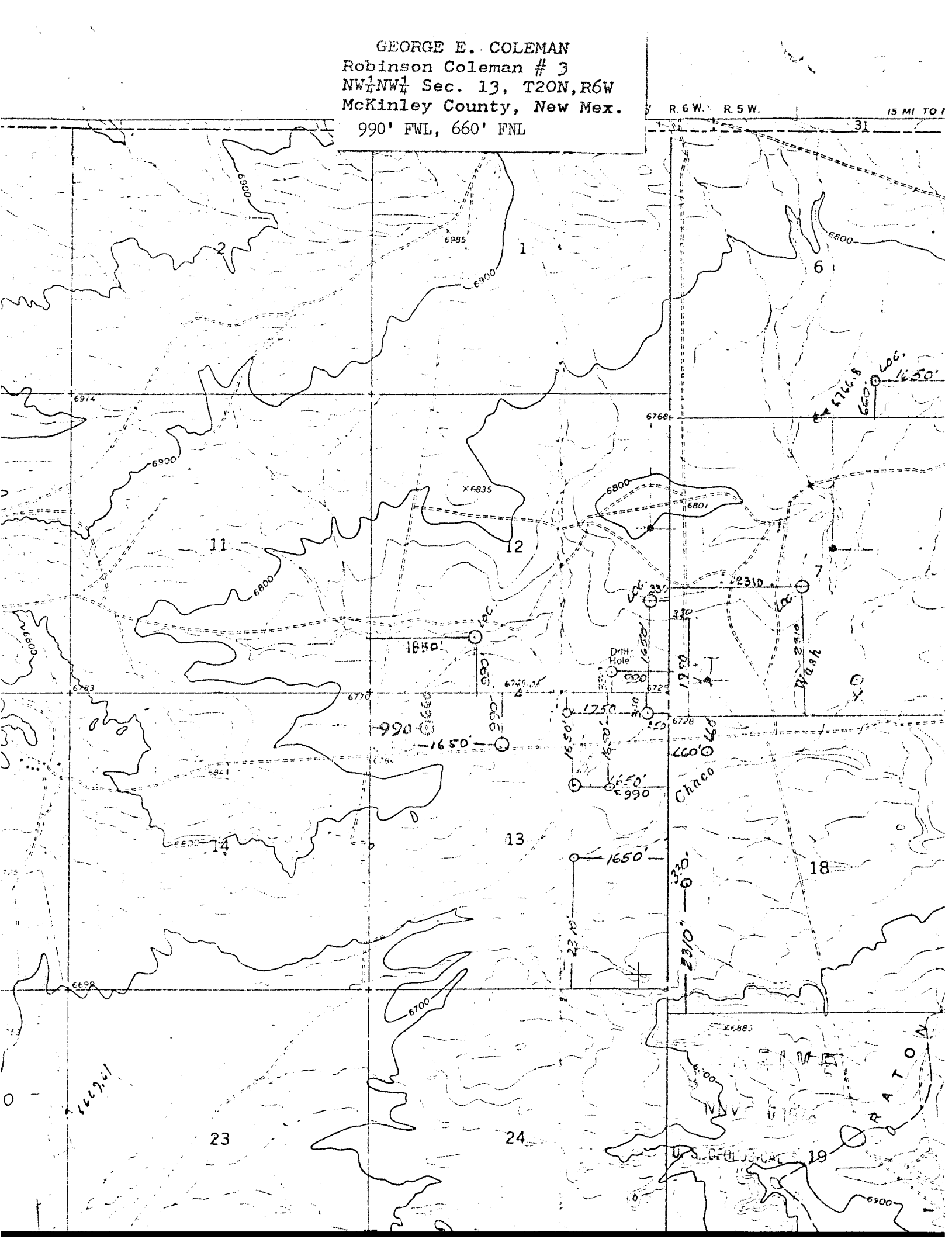
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR STATE OF NEW MEXICO JAMES P. LEESE

Date Surveyed 31 October 1978

Registered Professional Engineer and/or Land Surveyor

James P. Leese

Certificate No. 1463


GEORGE E. COLEMAN
Robinson Coleman # 3
NW¼NW¼ Sec. 13, T20N, R6W
McKinley County, New Mex.
990' FWL, 660' FNL
R. 6 W.
R. 5 W.
31
1
2
6
7
11
12
13
14
18
19
23
24
1650'
990'
2310'
330'
1850'
1250'
660'
Drill Hole
Wash
Chaco
6900
6800
6700
U.S. GEOLOGICAL

GEORGE E. COLEMAN

FORMATION INFORMATION AND DRILLING PRACTICE

WELL:

ROBINSON_COLEMAN #3

LOCATION

990' FWL, 660' FNL

Sec. 13, T20N, R6W

McKinley County, N. M.

LEASE NUMBER:

NM 15646

1. Geologic name of surface formation.

Kirtland

2. Estimated tops of important geologic markers.

La Ventata	875
Chacra	1233
Cliff House	1779
Menefee	1841
Point Lookout	2675

3. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected.

2675' - oil & gas

4. Proposed casing program.

Surface: 8 5/8", 20#, new casing to be set at 100'. Cement will be with 100 sk. Class "B" + 2% gel + 0.5% CFR-2.

Production: 4 1/2", 10.5#, K-55, new casing to be set at 2750'. Cement will be 325 sk. Class "B" + 2% gel + 0.5% CFR-2.

5. Specifications for pressure control equipment.

The attached schematic shows the type of blow out preventer to be used while drilling. The unit will be tested to 200 psi as soon as possible after its installation on the surface pipe. Testing will be done with the rig pump. This is a manual type preventer, and its operation will be manually checked when practical.

6. Drilling fluids.

Depth	Type	Viscosity	Weight	Fluid Loss (cc)
0-100	Gel-lime	35-45	8.6-9.0	N/C
100-2600	Low-solids	29-33	8.4-8.8	15
2600-2750	Gel-chem	35-40	8.8-9.4	8

7. Auxiliary equipment.

a. bit float
b. full opening stabbing valve to be used when kelly is not in the string

8. Logging - Coring - Testing.

Logging: Induction Electric Log, Formation Compensated Density, Gamma Ray Caliper

Coring: None

Drill Stem Testing: None

9. Abnormal temperatures, pressure, or hazardous conditions.

None expected

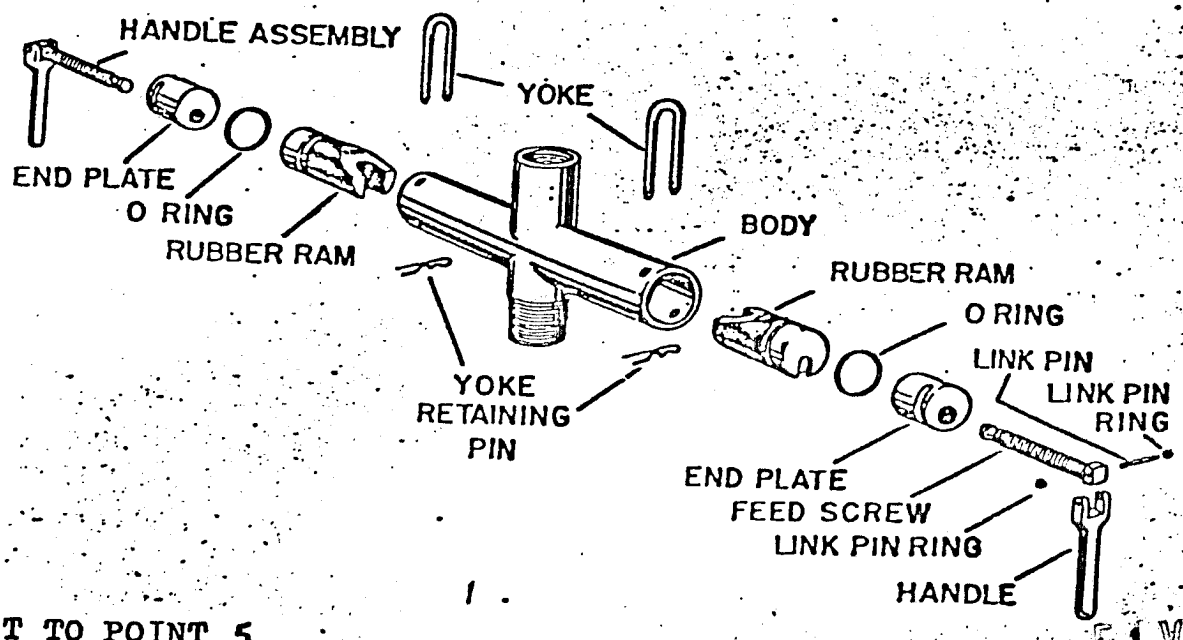
10. Starting Date.

Anticipated starting date is ~~November 15~~ DEC. 1, 1978. Approximately six days will be needed to build roads and location and drill the well to total depth. If commercial, completion will commence immediately and require ten days.

G TUBING BLOWOUT PREVENTERS

G BLOWOUT PREVENTER RAMS

PREVENTER SIZE	2-3/8"	2-7/8"	3-1/2"
RAM I.D. INCHES	Part No.	Part No.	Part No.
Blank	28262	28263	28264
9/16"	59383	45019	59388
5/8"	44948	44969	59393
3/4"	59391	41502	59410
7/8"	59392	54571	59389
1"	59384	59386	45903
1.050"	44949	41424	45056
1-1/8"	28354	28336	28365
1-1/4"	28355	28331	28366
1.315"	45055	44109	44057
1-3/8"	44730	59387	44964
1-1/2"	28356	28337	28367
1-5/8"	59385	46780	59390
1.660"	45462	43629	44963
1-3/4"	28357	28346	28368
1.900"	45463	43630	45609
2.063"	....	....	59394



ATTACHMENT TO POINT 5
API SERIES 6" 600

GEORGE E. COLEMAN

DEVELOPMENT PLAN FOR SURFACE USE

WELL:

ROBINSON_COLEMAN #3

LOCATION

990' FWL, 660' FNL

Sec. 13, T20N, R6W

McKinley County, N. M.

LEASE NUMBER:

NM 15646

1. Existing roads. (Shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. All roads are in fair condition and will require a minimal amount of work to upgrade them to handle normal drilling activity traffic.

2. Planned Access Road. (Shown in red)

The new access road will be approximately 20' wide and 600' long. No cut, fill, turnouts, or culverts will be needed. No fences, gates or cattle guards will be crossed. Maximum grade will be 5%. Water bars will be used where needed to aid drainage and help prevent erosion.

3. Location of existing wells.

All wells (water, abandoned, disposal, and drilling) are shown and so labeled on the attached section layout.

4. Location of existing production facilities.

All production facilities for this well will be located on the site.

All tank batteries, production facilities or production, gathering and service lines within one mile of the proposed location are shown on the attached section layout.

5. Location and type of water supply.

Water for drilling will be trucked from Chapman's water hole, approximately 35 miles northwest of the location. This water is privately owned.

6. Source of construction material.

Any construction material required for road or location will be excess material accumulated during building of such sites.

7. Methods of handling waste material.

(Refer to attached well site layout.)

All material that can be safely burned will be so disposed when weather conditions permit.

All nonburnable waste (drilling fluids,, cuttings, chemicals, etc.) will be held in the reserve pit until dry, and then buried. Any oil that accumulates on the pit will be removed prior to leaving the pit to dry. Pits will be fenced during dry out, then completely back-filled with dirt prior to preparing the location for production or abandonment.

7. Any solid waste that can not be buried will be taken from the location and properly destroyed.

All portable chemical toilet will be supplied for human waste.

8. Ancillary facilities.

None planned.

9. Well site layout.

The attached layout shows the drilling rig with all supporting facilities. Cut and fill, required for pad construction, is also shown.

10. Plans for restoration of surface.

Restoration of the well site and access road will begin within 90 days of well completion, weather permitting.

Should the well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed and leveled. Both road and location will have top soil replaced and will be reseeded when germination can occur.

Should the well be commercial, that portion of location not needed for operation will be repaired as above. The portion of the location needed for daily production operations, and the access road, will be kept in good repair and clean.

In either case, cleanup of the site will include burning any safely burnable material, filling of all pits, and proper disposal of any nonburnable material that can not be safely buried. Any oil that has accumulated on the pits will be trucked away.

11. Other information.

General topography of the area may be seen on the attached map.

This location is 1½ miles west of the Continental Divide at Deja Del Raton Mesa. The site has a small westerly slope. The area is sandy and is covered with sage brush and native grasses. There is evidence of sheep and small animal life in the area.

Surface at this location belongs to the Bureau of Land Management.

There are no occupied dwellings in the area.

There were no archaeological or cultural sites visible on the location. The archaeologist's report is forthcoming.

12. Claude C. Kennedy
Consultant
4949 San Pedro, N. E.
Suite 47
Albuquerque, New Mexico 87109
Phone: 883-9624

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 George E. Coleman, and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

November 1, 1978

Claude C. Kennedy

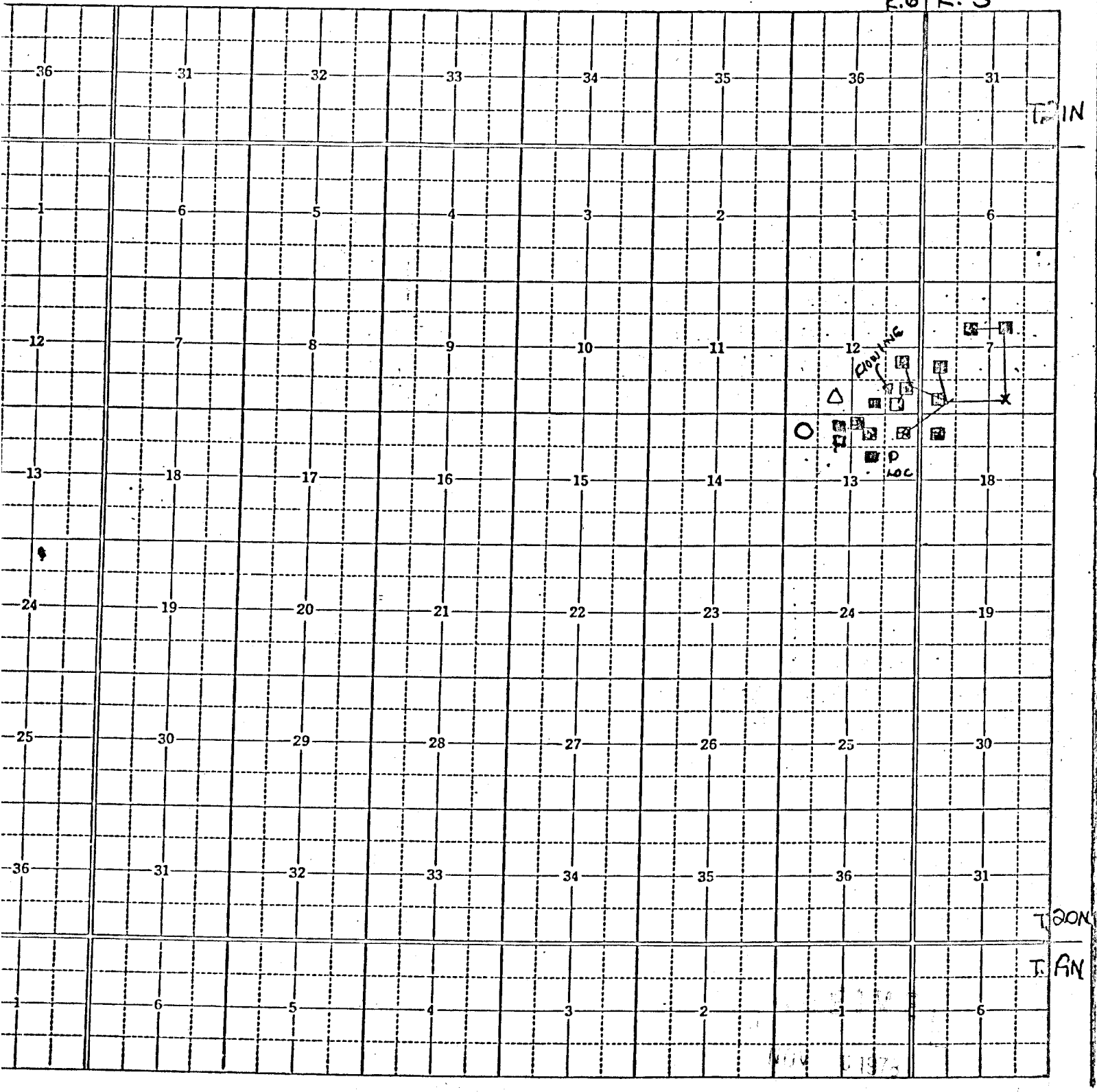
ARKSAS BLUE PRINT CO. INC.

O = Subject well
△ = Plugged & abandoned
▣ = Producing w/ tank on loc.
□ = Producing
X = Injection well
_____ = WATER INJECTION LINE

Township 20 N, Range 5 E 6, County _____, State _____

nd Township Plat

R.6 | R. 5



U. S. GOVERNMENT