

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 ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Byard Bennett ✓

3. ADDRESS OF OPERATOR

7011 N. Camino Martin, Tucson, Az. 85704

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

At surface

Unit "A"

At proposed prod. zone

660' FNL & 660' FEL Sec. 28-16S-29E
Premier

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

6 miles Northwest of Loco Hills, 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

760

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.

19. PROPOSED DEPTH

2,650

20. ROTARY OR CABLE TOOLS

Cable Tools

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

3,645' G.L.

22. APPROX. DATE WORK WILL START*

Nov. 1, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	8-5/8"	24#	350	Solid to Surface
8"	5-1/2"	15#	2,650	150 sacks

Drill 10" hole with Cable Tools to 360 feet, run & set 350' of 8-5/8" Casing, cement solid to surface.

Drill 8" hole to test Premier formation at approximately 2,650 feet, or commercial production at a lesser depth, if commercial production is encountered to set 5-1/2" Casing and cement with 150 sacks cement.

RECEIVED

OCT 24 1975

O. C. C.
ARTESIA, OFFICE

RECEIVED

OCT - 9 1975
U.S. GEOLOGICAL SURVEY
ARTESIA, 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.

SIGNED

Byard Bennett

TITLE

Operator

DATE

Oct. 7, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OCT 23 1975

H. L. BEEKMAN
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES JAN 23 1976

DATE

*See Instructions On Reverse Side

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 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-10
Supersedes O-128
Effective 1-1-75

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

Operator BYARD BENNETT		Lease CONTINENTAL FED. LEASE		Well No. 1
Tract Letter A	Section 28	Township 16 S	Range 29 E	County Eddy
Actual Footage Location of Well: 660 feet from the NORTH line and 660 feet from the EAST line				
Ground Level Elev. 3645	Producing Formation PREMIER	Pool Unleaded	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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. <i>Byard Bennett</i> Name <i>Owner</i> Position Byard Bennett Company Oct. 7, 1975 Date
	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 Sept. 20, 1975 Registered Professional Engineer and/or Land Surveyor <i>James H. Harrison</i> Certificate No. UML 5542
	Scale: 0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SURFACE USE PLAN

Byard Bennett Well No. 1 Continental Federal 15007
660' FNL & 660' FEL, Sec. 28, T. 16S, R. 29 E.
Lease NM 15007, Eddy County, N.M.

This plan is to accompany "Application For Permit to Drill" the Subject well which is located approximately 6 miles northwest of Loco Hills, New Mexico. The following is a discussion of pertinent information concerning possible effect which the proposed drilling of the well may have on the environment of the well and road sites and surrounding acreage. A copy will be posted on the derrick floor so that all contractors and sub-contractors will be aware of all items of this plan.

1. AREAL ROAD MAP - Exhibit "A" is a portion of Surveyors map of Eddy County showing well site in relation to field roads. Access road which is colored yellow exits field road about 6 miles north of highway 82.
2. LOCATION OF EXISTING WELLS - Nearest production is $1\frac{1}{2}$ miles to the northeast in the High Lonesome Pool and $1\frac{1}{2}$ miles to the southeast in the Square Lake Pool and are shown in Exhibit "B". Former producing wells (now abandoned) are located $3\frac{1}{4}$ miles to the west and south.
3. PROPOSED WELL MAT AND IMMEDIATE AREA - Refer to Exhibit "A" for direction orientation and road access.
 - a. MAT SIZE - 150' x 200'
 - b. SURFACED - Bladed.
 - c. RESERVE PIT - 30' x 30' pit unlined located on well mat.
 - d. CUT & FILL - Location is level.
 - e. DRILL SITE LAYOUT - Exhibit "C" shows position of mat, reserve pit, burn pit and trash pit in relation to well. Cable Tool Rig will face to the east.
 - f. SETTING AND ENVIRONMENT
 - (1) TERRAIN - Nearly level.
 - (2) SOIL - Clay.
 - (3) VEGETATION - Sparse vegetation, being mostly scrub mesquite, with very little grass.
 - (4) SURFACE USE - Grazing.
 - (5) OTHER - Drillsite, which is in nearly flat semi-arid desert country is in a low environmental risk area. The total effect of drilling and producing this and other wells in this area would be very minimal.

g. DISTANCES TO:

- (1) PONDS AND STREAMS - There are no surface waters within 1/2 mile.
- (2) WATER WELLS - There are no water wells within 1/2 mile.
- (3) RESIDENCES AND BUILDINGS * There are no houses or buildings within 1/2 mile.
- (4) ARROYOS, CANYONS, HILLS, ETC. - Land is level. There are no surface features within 1/2 mile.

h. WELL SIGN - Sign identifying and locating well will be maintained at drill site commencing with the spudding of the well.

f. OPEN PITS - All pits containing mud or other liquids will be fenced or guarded.

4. ROADS

- a. EXISTING ROADS - All existing roads within one mile of well site are shown on Exhibit "A"
- b. PLANNED ROADS - Plan to construct 800' of new 15-ft. wide bladed road.
- c. FENCES, GATES AND CATTLE GUARDS - There are no fences, gates or cattle guard crossed to reach well site.

5. TANK BATTERY - If production is encountered, battery and production equipment will be located at west edge of well mat and fenced.

6. LEASE PIPELINES

- a. EXISTING - None
- b. PLANNED - If production is encountered, all lease lines are to be constructed on well mat.

7. WASTE DISPOSAL - Well cuttings will be disposed in reserve pit. Barrel trash containers to be in accessible locations within drill site area during drilling and completion procedures. All detrimental waste will be hauled away, burned or buried with a minimum cover of 24" of dirt. See Exhibit "C" for location of pits. If well is productive, maintenance waste will be placed in special trash cans and hauled away periodically.

8. WATER SUPPLY - Water will be trucked from nearest commercial source.

9. ARCHAEOLOGICAL RESOURCES - None were observed.

10. RESTORATION OF SURFACE * If well is productive, pits will be backfilled and leveled as soon as practical. Upon final abandonment of well, well site will be leveled and cleaned, with land returned as near as practical to original condition.

11. OPERATOR'S REPRESENTATIVES - Personnel who can be contacted concerning compliance of the Surface Use Plan are as follows:

Drilling
Byard Bennett -
7011 N. Camino Martin
Tucson, Az. 85704
Phone 602-297-3366

Production
~~Lee Gulliford~~
Lovington, N.M. 88260
Phone, 505-396-5061

12. CERTIFICATION

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 as they actually exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the proposed work performed by Byard Bennett and his contractors and sub-contractors will conform to this plan.

Oct. 7, 1975
Date

Byard Bennett
Operator





