

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-031-20747

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUS

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE

2. NAME OF OPERATOR  
 Bird Oil Corporation

3. ADDRESS OF OPERATOR  
 717 17th St. Suite 2860, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface: 1980' FSL & 880' FWL. (NW SW)  
 At proposed prod. zone: same

5. LEASE DESIGNATION AND SERIAL NO.  
 NM-17814 17184

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 N/A

8. FARM OR LEASE NAME  
 Bird-Federal

9. WELL NO.  
 17-1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 12 T19N R5W

12. COUNTY OR PARISH  
 McKinley

13. STATE  
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 The location is 12.4 miles Southeast of Star Lake Plant, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 880'

16. NO. OF ACRES IN LEASE  
 320

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.  
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19. PROPOSED DEPTH  
 5525'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6562' GR

22. APPROX. DATE WORK WILL START\*  
 October 15, 1981

RECEIVED  
OCT 28 1981  
OIL CON. COM.  
DIST. 3

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8" New	32 #J-55 ST&C	350'	Circulate to surface with Class "B" 120 sx regulated fill-up + additives
7 7/8"	5 1/2" New	15.5 #J-55 ST&C	5525'	

1. Drill 12 1/4" hole and set 9 5/8" surface casing to 350' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 5525'.
3. Run tests if warranted and run 5 1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" The Ten-Point Compliance Program
- "C" The Blowout Preventer Diagram
- "D" The Multi-Point Requirements for A.P.D.
- "E" & "E<sub>1</sub>" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G<sub>1</sub>" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Sections
- "H" Drill Rig Layout

This action is subject to an administrative appeal pursuant to 30 CFR 290.

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 [Signature] TITLE Drilling & Production DATE Sept. 18, 1981

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE Acting Dist. Super DATE OCT 23 1981

ah J

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

EXHIBIT "A"

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

Location and Elevation

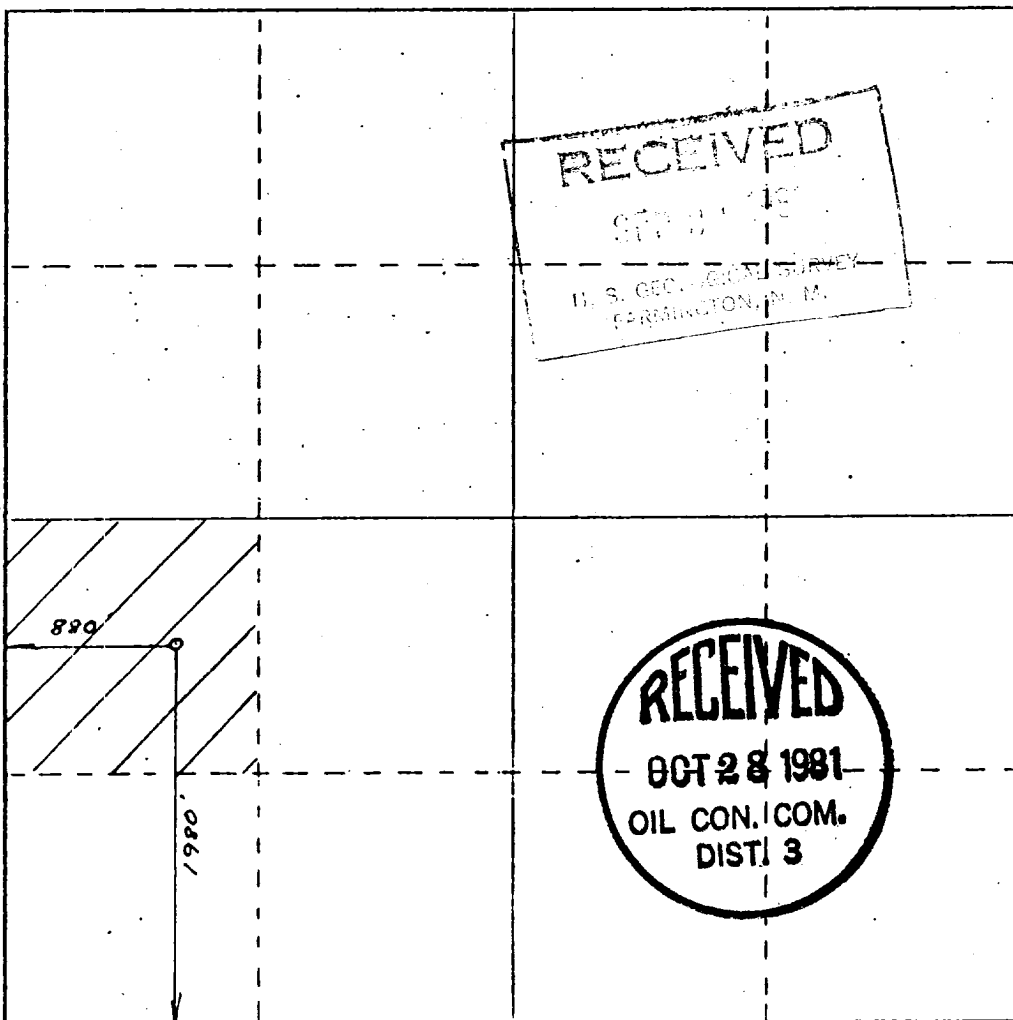
Operator <b>Bird Oil Corporation</b>		Lease <b>NH-17814</b>			Well No. <b>1</b>	Plat <b>1</b>
Unit Letter <b>L</b>	Section <b>12</b>	Township <b>19 North</b>	Range <b>5W</b>	County <b>McKinley</b>		
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>880</b> feet from the <b>West</b> line						
Ground Level Elev. <b>6562'</b>	Producing Formation <b>Entrada</b>		Pool <b>Wildcat Entrada</b>		Dedicated Acreage: <b>40</b> 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). **N/A**
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? **N/A**

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.

*George Lapasotes*

Name **George Lapasotes**  
Position **President, Powers Elevation**

Agent Consultant for

Company **Bird Oil Corporation**

Date **September 21, 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

Registered Professional Land Surveyor and or Land Surveyor

Certificate No. **6844**

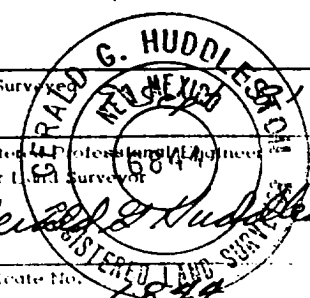


EXHIBIT "E<sub>1</sub>"  
Detail of Access Roads

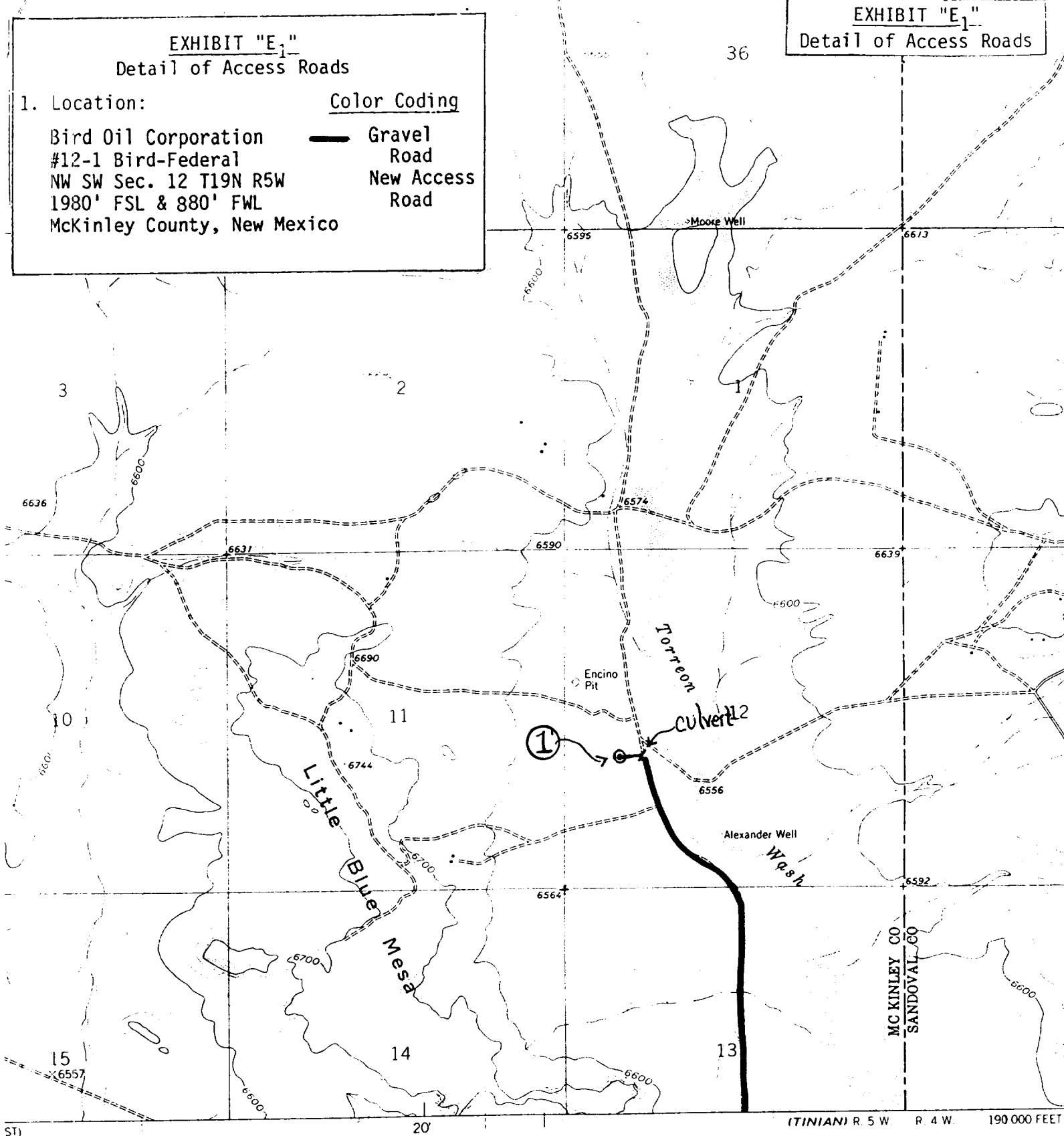
EXHIBIT "E<sub>1</sub>"  
Detail of Access Roads

1. Location:

Bird Oil Corporation  
#12-1 Bird-Federal  
NW SW Sec. 12 T19N R5W  
1980' FSL & 880' FWL  
McKinley County, New Mexico

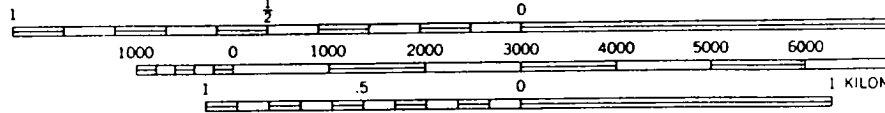
Color Coding

— Gravel Road  
— New Access Road



ST) Survey

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET  
DOTTED LINES REPRESENT 10-FOOT CONTOURS  
DATUM IS MEAN SEA LEVEL

