

NM OIL & GAS COMMISSION
Drawer 30
Artesia, New Mexico
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED BY
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)
JUN 27 1984
O. C. D.
ARTESIA, OFFICE

30-015-24907

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

clsf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-21495		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR M.J. Harvey, Jr.			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P.O. Box 12705, Dallas, Texas 75225			8. FARM OR LEASE NAME Harvey '29' Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FEL & 660' FSL SW/4 SE/4 <u>Unit letter O</u> At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 1/2 miles southeast of Seven Rivers, N.M.			10. FIELD AND POOL, OR WILDCAT <u>Wildcat-San Andres</u>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T20S, R26E		
16. NO. OF ACRES IN LEASE 800			12. COUNTY OR PARISH Eddy		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE N.M.		
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2310' NE			20. ROTARY OR CABLE TOOLS Cable		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3309' GR			22. APPROX. DATE WORK WILL START* June 30, 1984		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"	94#	40'	18 sx(Circulate)
17 1/2"	13 3/8"	48#	380'	200 sx(Circulate)
12 1/4"	8 5/8"	24#	2500'	Sufficient to cover all oil, gas, and water zones.

Proposed plans are to drill to the San Andres formation and test for possible commercial production of oil and gas in the San Andres and intermediate formations.

Designation of Operator from Champlin Petroleum and First Roswell Company will be submitted under a different cover.

Proposed well will be drilled with cable tools.

*Lease expires 6/30/84

Post ID-2
6-29-84
BK + API

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 Larry W. Franklin TITLE Agent DATE 6/7/84
(This space for Federal or State office use)

PERMIT NO. L APPROVAL DATE 6/22/84
APPROVED BY Mark Heller TITLE Acting Dir. Mgr. DATE 6/22/84
CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side

NEI 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.

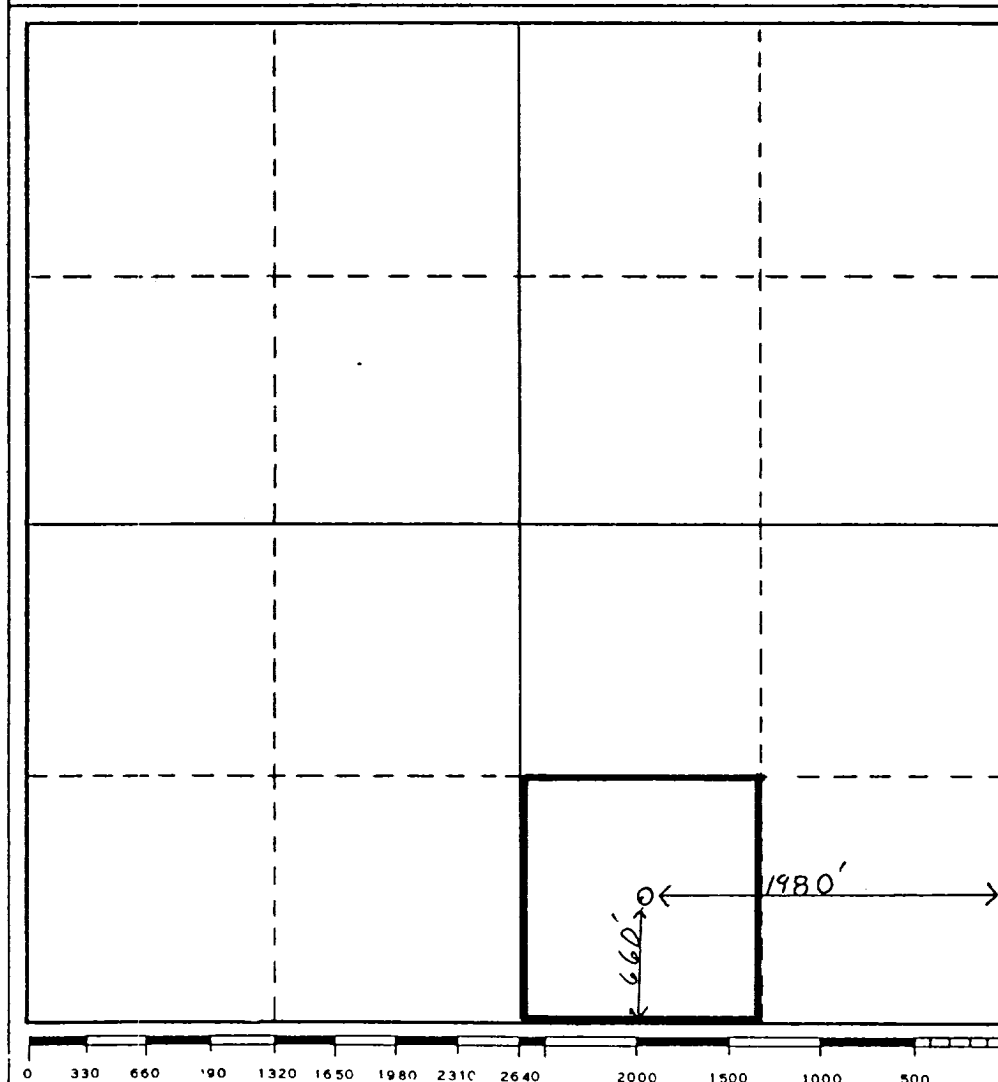
Operator M. J. Harvey Jr.		Lease Harvey "29" Federal		Well No. 1
Unit Letter	Section 29	Township 20 South	Range 26 East	County Eddy
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line				
Ground Level Elev. 3309	Producing Formation San Andres	Pool Wildcat Hills	Dedicated Acreage: 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

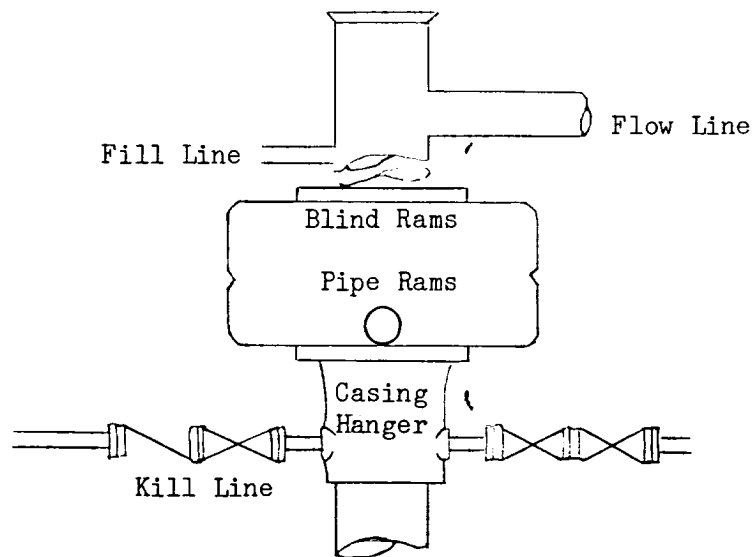
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Terry W. Franklin
Position
Agent
Company
M.J. Harvey, Jr.
Date
6/8/84

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.

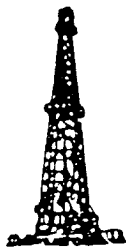
Date Surveyed **June 7, 1984**
Registered Professional Engineer and/or Land Surveyor

Certificate No. **8112**



BOP STACK

2000 psi working pressure



Oil & Gas Administrative Services

TERRY W. FRANKLIN

P.O. Box 2664
Roswell, NM 88201

RECEIVED

JUN 27 1981

O. C. D.
ARTESIA, OFFICE

SUPPLEMENTAL DRILLING DATA

M.J. Harvey, Jr.
Harvey '29' Federal No. 1
Sec. 29, T20S, R26E
Eddy County, N.M.

NM-21495

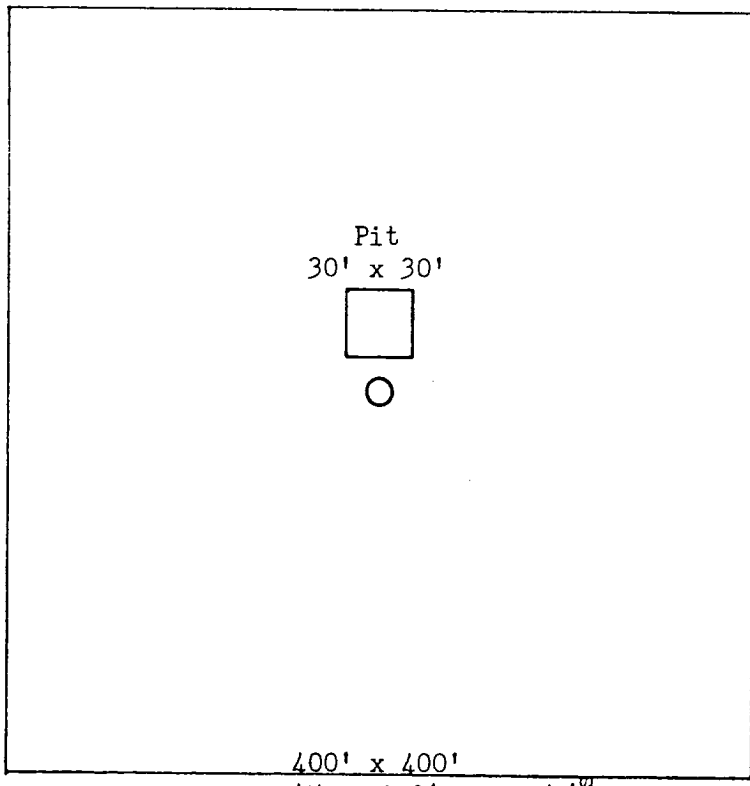
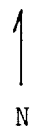
1. Surface Formation: Yates
2. Estimated Geological Marker Tops:
Queen 450' San Andres 1365'
3. Mineral Bearing Formation: San Andres-oil.
4. Proposed Casing and Cement Program:

20.0" Casing - In a 24" hole, set 20", 94#, J-55, ST&C casing. Ready-mix to surface with 18 sx.

13 3/8" Casing - In a 17 1/2" hole, set approximately 380' 13 3/8", K-55, ST&C casing. Cement to surface with 200 sx Class 'C' cement.

8 5/8" Casing - In a 12 1/4" hole, set to total depth, 8 5/8" 24#, K-55, ST&C casing. Cement to isolate all oil, water, and gas zones.
5. Pressure Control Equipment: A 2000 psi BOP will be installed after 8 5/8" casing is set and cemented.
6. Proposed Mud Program:

0-380' Fresh water native mud.
380-2500' Fresh water will be added when needed in the hole to the top of the San Andres. Will possibly add salt gel to hole when enter San Andres formation.



Pit
30' x 30'

400' x 400'
WORK AREA

access
road

----- Existing Caliche Road -----