

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED BY
SUBMIT IN 5 LIGATE*
AUG 15 1985
O. C. D.
ARTESIA, OFFICE

Form approved,
Budget Bureau No. 42-R1425.

30-015-25374

5. LEASE DESIGNATION AND SERIAL NO.
Febl. LC 050158
6. INDIAN, ALLOTTEE OR TRIBE NAME

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

James Warren Hanson

3. ADDRESS OF OPERATOR

Rt. 1, Box 60 Artesia, N.M. 88210

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

396' FNL & 2250' FWL Sec 35 T17S R27E
At proposed prod. zone Same

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

10 miles east of Artesia

15. DISTANCE FROM PROPOSED*

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

390'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED
TO THIS WELL

10

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 584'

19. PROPOSED DEPTH

409'

20. ROTARY OR CABLE TOOLS

Cable Tool

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

3555 gr.

22. APPROX. DATE WORK WILL START*

Sept. 1, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8"	7"	23#	400'	sufficient to circulate

Plan to use cable tool to drill 8" hole to approximately 400' and set 7" casing. Will circulate with class A cement to surface. Will then drill into formation at approximately 402' open hole completion. Drilling is in known low pressure field so no special equipment will be used.

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 James Warren Hanson

TITLE Owner-operator

DATE 6/19/85

(This space for Federal or State office use)

PERMIT NO. 081500.00105.011a

APPROVAL DATE

APPROVED BY James Warren Hanson

TITLE

DATE 8-14-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Produced by
APD/Jan 14
8-23-85

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

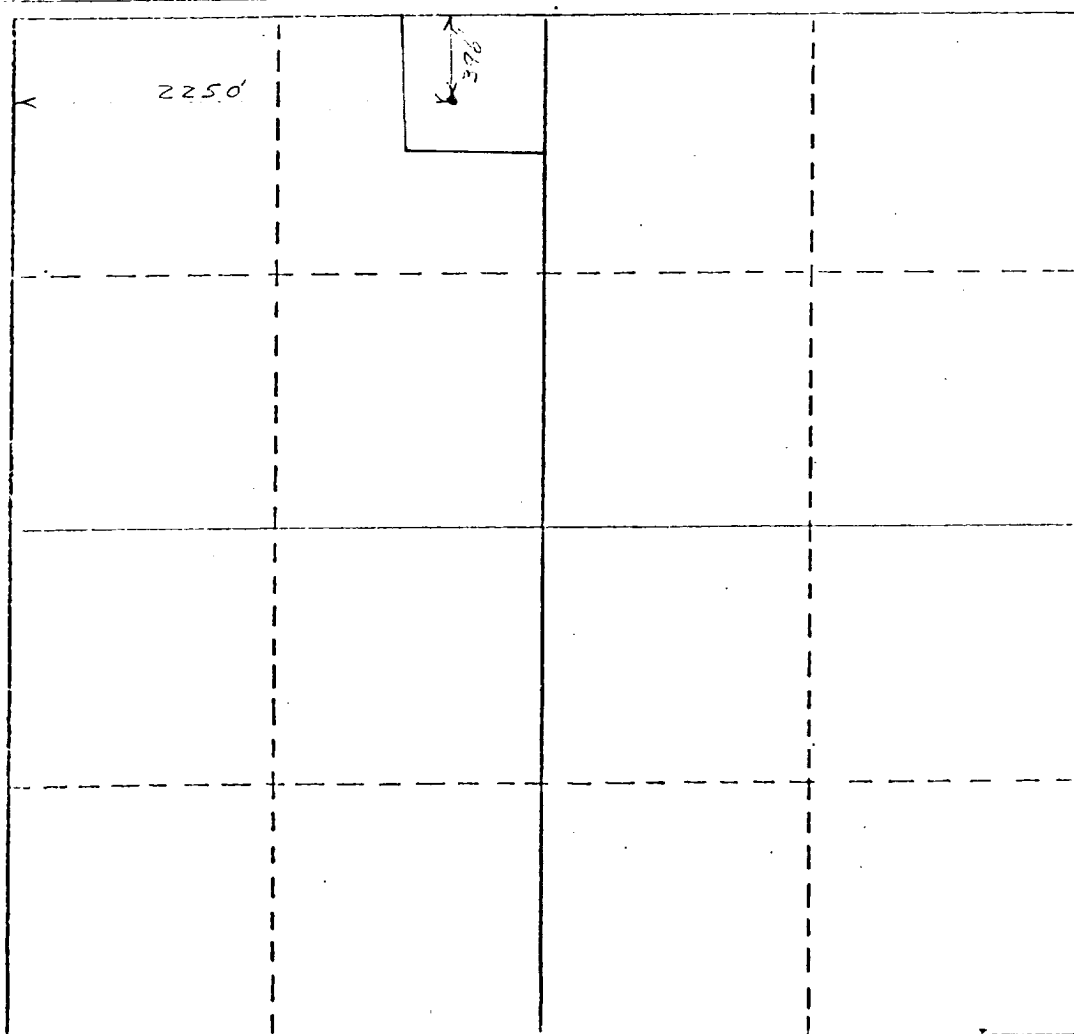
Operator James Warren Hanson dba. Hanson Energy Co.			Lease Harbold		Well No. 16
Unit Letter C	Section 35	Township 17	Range 27	County Eddy	
Actual Footage Location of Well:					
396 feet from the North line and 2250 feet from the West line					
Ground Level Elev. 3555	Producing Formation Yates Seven Rivers	Pool Empire - Y - SR	Dedicated Acreage: 10.10 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 Division.



CERTIFICATION

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

James Warren Hanson

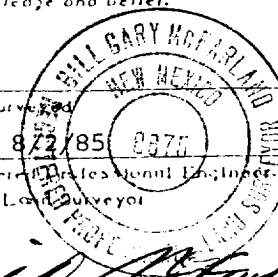
Name
James Warren Hanson

Position
President

Company
Hanson Energy Co.

Date
8/2/85

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
8/2/85
Registered Professional Engineer and/or Land Surveyor

Bill Gary McFarland
Certificate No.

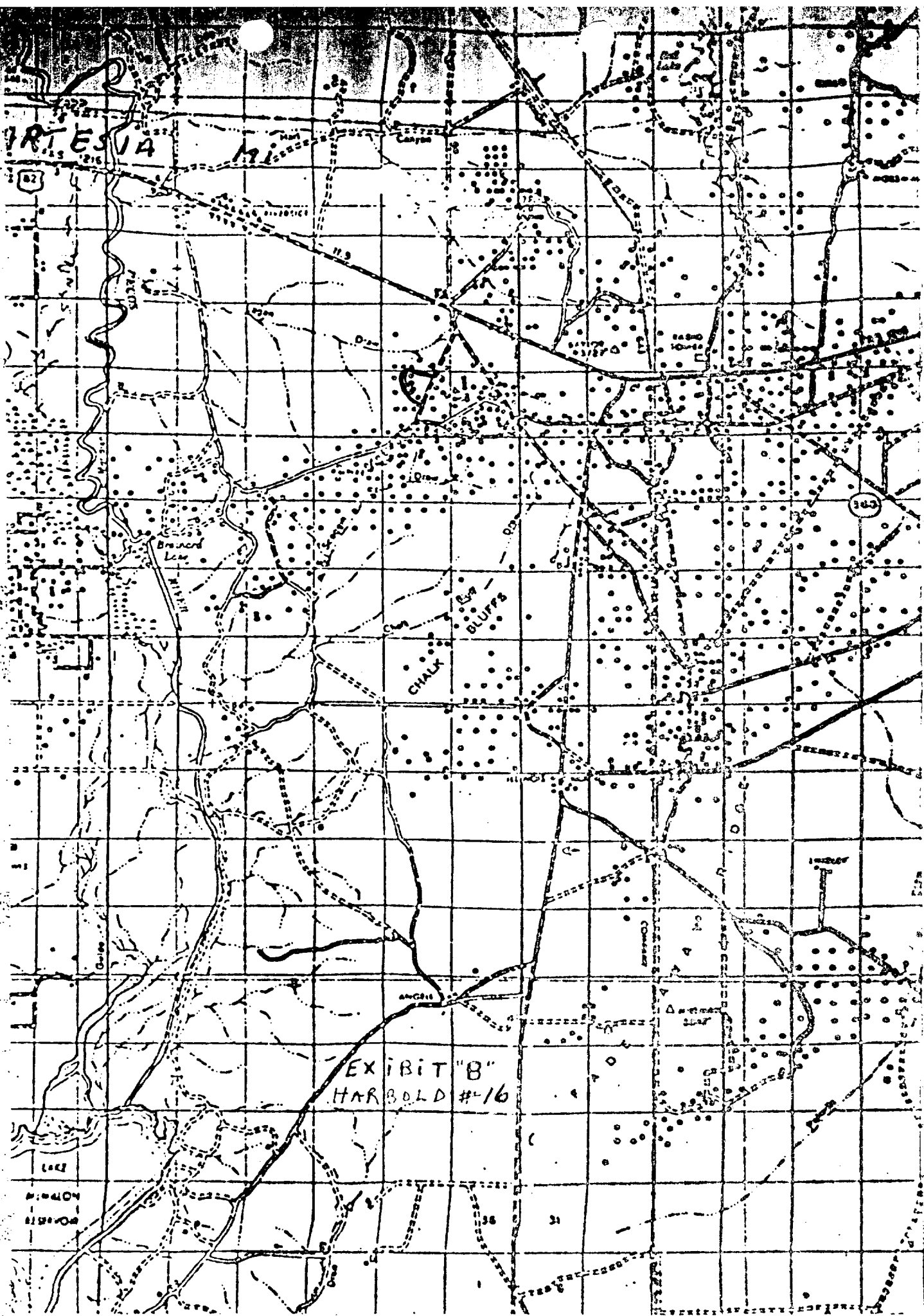
8675

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

SUPPLEMENTAL DRILLING PLAN

Operator	James Warren Hanson dba Hanson Energy
Lease & Well #	Harbold #16 LC 050158
Location	396' FNL & 2250' FWL 35-17S-27E

1. Geologic surface formation is recent.
2. Estimated tops of Geologic Markers are;
Top of Yates Seven Rivers 400'
3. Estimated depths at which water, oil, or gas may be encountered are;
Surface water 214-216 300-305 385-390
Yates Seven Rivers 400'
4. Drilling in known area in low pressure formations.
No pressure equipment will be used.
5. Drilling equipment and casing program - See form 3160-3
6. No special mud additives will be used.
7. No coring or D.S.T. are planned. No logging or perforating. Open hole completion.
8. Drilling in known area. Low bottom hole pressure.
No hazards anticipated.
9. Anticipated starting date is Sept.1,1985.
10. Any additional information will be furnished as requested.



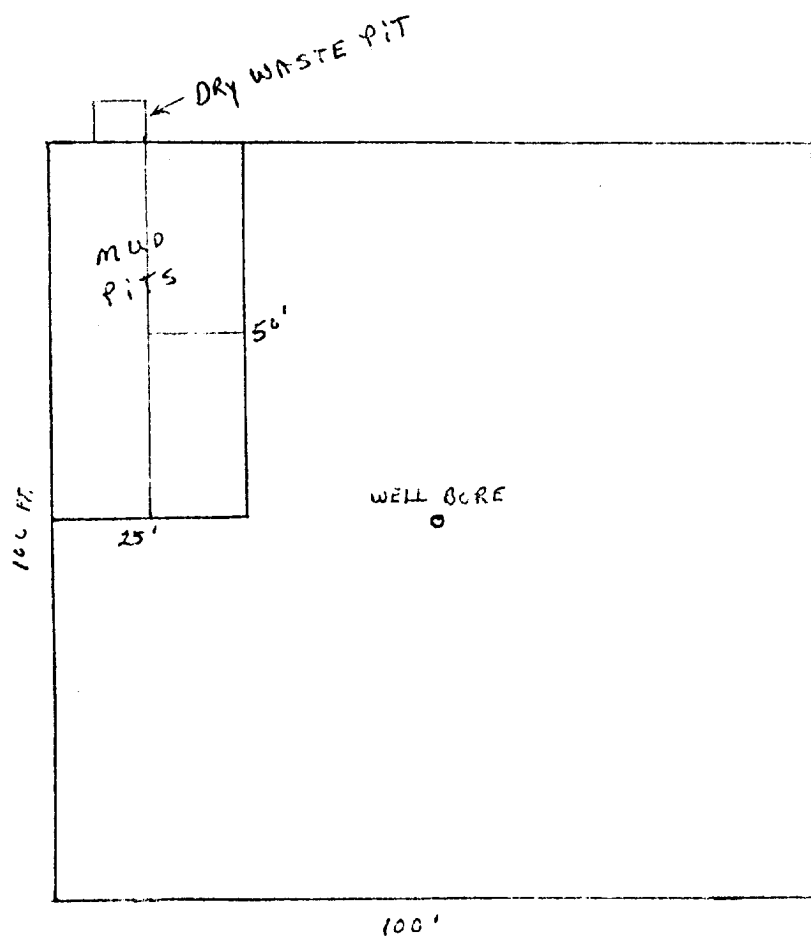


EXHIBIT "D"
HARBOLD #16
HANSON ENERGY