

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NH 0437592

4. LEASE DESIGNATION AND SERIAL NO.

H. L. Brinson #NH 0437592

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Brinson Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Maljamar (Grayburg)

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

31 T-16-S, R-32-E N.M.P.M.

12. COUNTY OR PARISH

Lea

13. STATE
New Mexico17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

Soon as possible

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

Tejas Oil Operators

3. ADDRESS OF OPERATOR

P.O. Box 58, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At address1980 FNL & 660 FEL Sec. 31
At proposed prod. zone Grayburg (4200')

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

2 mi NW Maljamar

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

*Also to nearest drg. unit (eg. If drg.

660'

17. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING, DEEPENED,
OR APPLIED FOR ON THIS LEASE, FT.

None

18. NO. OF ACRES ASSIGNED
TO THIS WELL

19. PROPOSED DEPTH

4200

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

4142.4' GR

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	550	225 sks "C" circulate
7 7/8	4 1/2	10.5#	4200	xxxxxxx Sufficient to Circulate

Drill well to test Queen at 3160' and Grayburg at 3860'.

Operations to start ~~January 15, 1981~~ about January 15, 1981. After setting production casing, pay zones will be perforated and stimulated as required.SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN
SURFACE RESTORATION REQUIREMENTS.

18. 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 prevention program, if any.

24.

SIGNED



TITLE Operator

DATE 5-29-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Sig. Sgd.) GEORGE H. S. S.

DEC 19 1980

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

W 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.

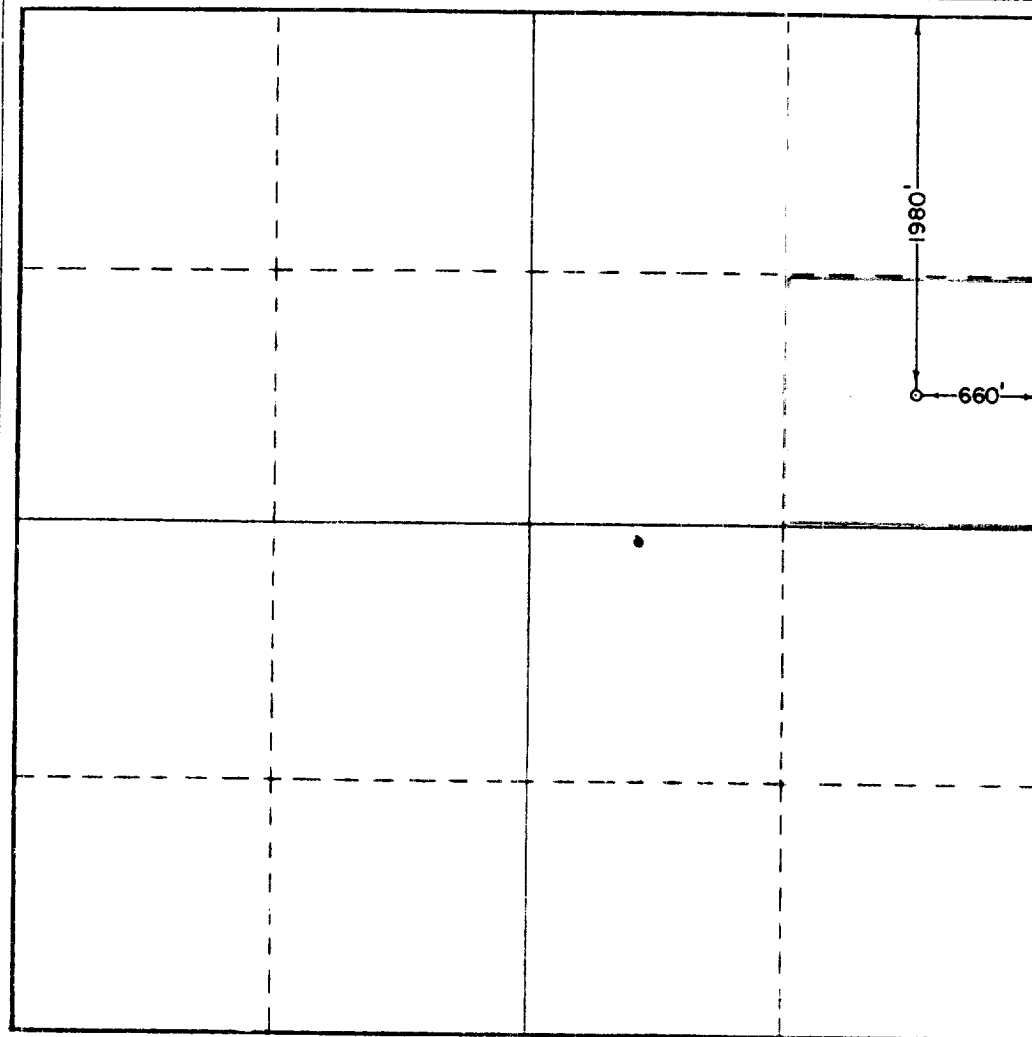
Operator TEJAS OIL OPERATORS			Lease BRINSON FED.		Well No. 1
Unit Letter H	Section 31	Township 16 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the EAST line					
Ground Level Elev. 4142.4	Producing Formation Grayburg		Pool Maljamar-Grayburg Field		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.

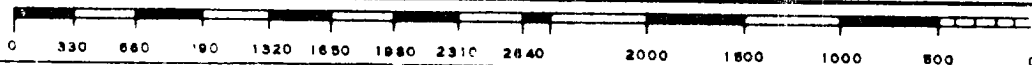
Name J. M. Simpson
Position Operator
Company Tejas Oil Operators
Date May 29, 1980

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 attested May 30, 1980

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson
Certificate No. John W. West 676
Ronald J. Eidson 3239



SUPPLEMENTAL DRILLING DATA

TEJAS OIL OPERATORS WELL NO.1 BRINSON FEDERAL

1. SURFACE FORMATION: Quaternary.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler	900
Yates	2230
Queen	3160
Grayburg	3532
San Andres	3900

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	Above 300 feet
Oil	Queen
Oil	Grayburg
Oil	San Andres

4. PROPOSED CASING AND CEMENTING PROGRAM:

<u>CASING SIZE</u>	<u>SETTING DEPTH</u>		<u>WEIGHT</u>	<u>GRADE</u>	<u>JOINT</u>
	<u>FROM</u>	<u>TO</u>			
8-5/8"	0	350	24#	J-55	STC
4-1/2"	0	4200	9.5#	H-40	STC

8-5/8" casing will be cemented with approximately 225 sacks of Class "C" cement. Cement to circulate.

4-1/2" casing will be cemented with sufficient "Light" cement, tailed in with 100 sacks of Class "C", to circulate to the surface.

Cement quantities and additives may be varied to best suit hole conditions at the time casing is run.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment will consist of two ram type, Series 600 preventers.

BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 350 feet: Fresh water with gel or lime as needed for viscosity control.

350 feet to Total Depth: Brine water with additives as necessary for control of pH, viscosity and weight.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor in the open position while drilling operations are in progress.

8. TESTING, LOGGING AND CORING PROGRAMS:

Drill stem tests will be made when samples, drilling time and other data are sufficient to indicate a test is warranted.

A Gamma Ray-Neutron log is planned.

Cores may be taken in the intervals 3160-3220 and 3860-3920 feet.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS:

No abnormal pressures or temperatures are anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that drilling operations will commence on or about January 15, 1981, with drilling and completion operations lasting about 30 days.