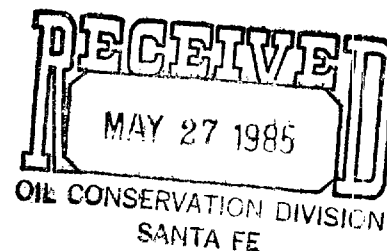


H. L. BROWN, JR.
300 WEST LOUISIANA
POST OFFICE BOX 2237
MIDLAND, TEXAS 79702
915 683-5216
May 21, 1985



New Mexico Oil Conservation Commission
Attn: Jerry Sexton
P. O. Box 1980
Hobbs, New Mexico 88240

We respectfully request permission for the commingling of oil and gas production for ten Federal Wells and one fee well located in the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico and located as follows:

	<u>Lease</u>	<u>Location</u>	<u>Well</u>
Federal	NM 000474	Sec. 33-T7S-R37E	Federal A No. 1
"	NM 000474	Sec. 4-T8S-R37E	Federal B No. 1
"	NM 000474	Sec. 9-T8S-R37E	Federal D No. 1
"	NM 021097-A	Sec. 33-T7S-R37E	Federal Unit No. 1
"	NM 013740	Sec. 34-T7S-R37E	Federal E No. 1
"	NM 018240-A	Sec. 3-T8S-R37E	Federal F No. 1
"	NM 021513	Sec. 4-T8S-R37E	Federal C No. 1
"	NM 023018	Sec. 3-T8S-R37E	Federal G No. 1
"	NM 023018	Sec. 10-T8S-R37E	Federal J No. 1
"	NM 028054	Sec. 5-T8S-R37E	Federal H No. 1
22 FEE	W. L. Perkins	Sec. 10-T8S-R37E	W. L. Perkins No. 1

Meters will be placed on each of the above wells in order that the condensate and gas production may be accurately reported to the State of New Mexico.

Enclosed please find copy of approval of commingling obtained from U.S.G.S., copies of plats and C-101's, C-102's and C-105's filed with the New Mexico Oil Conservation Commission and exhibits showing both existing lines and the proposed metering system.

We appreciate your cooperation. Should you have any questions please feel free to contact me at 915-683-5216.

Very truly yours,

Jean Mills
Jean Mills

JM:ps

Enclosures

RECEIVED

MAY 22 1985

U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

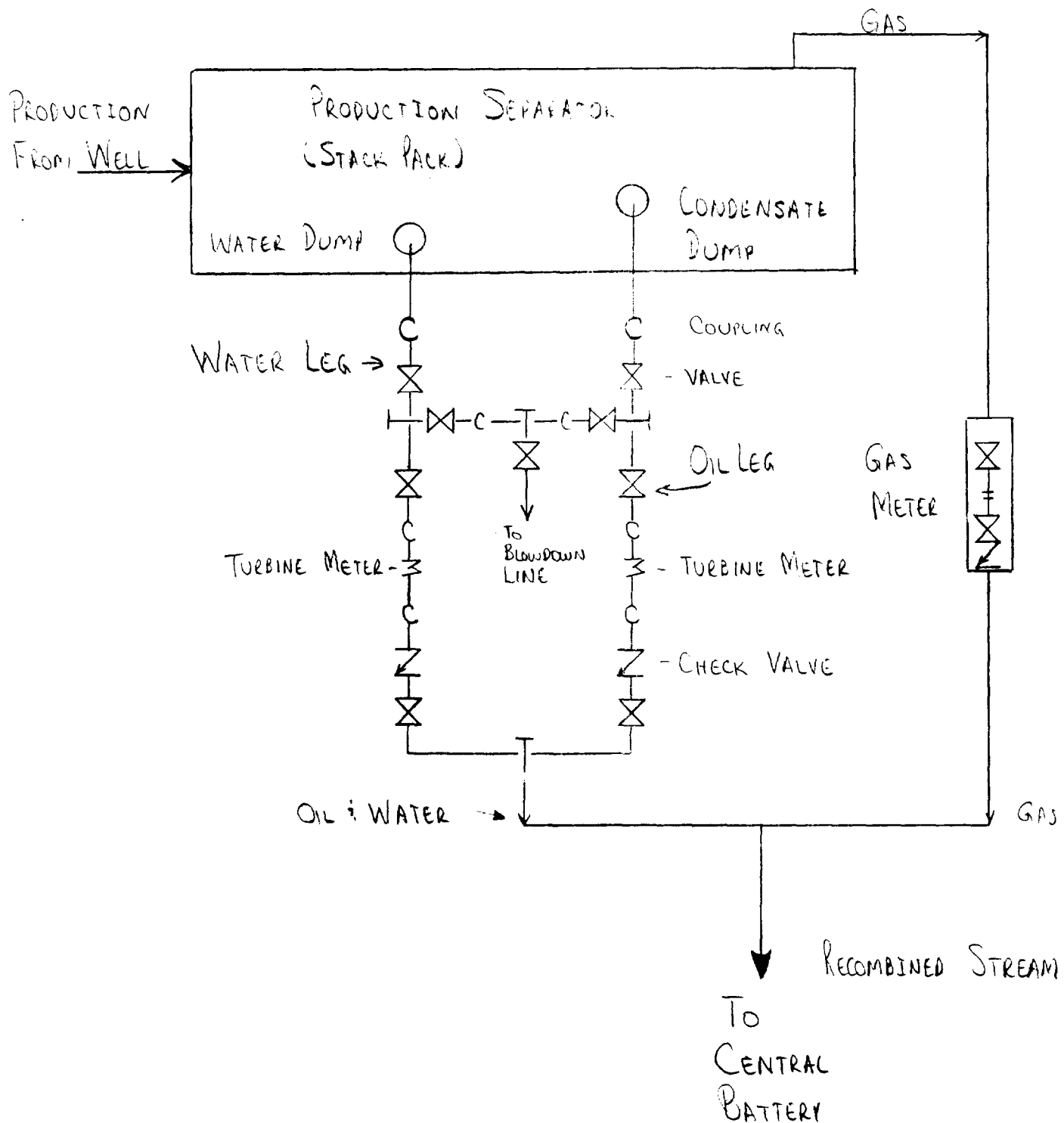
WRITE IT - DON'T SAY IT

To FILE
From LES SKINNER

Date 5-7-85
Answer Expected No

PROSPECT - LEASE - WELL

BLOTT FACILITIES - TYPICAL WELL METERING HOOKUP



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN PLI 2*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM - 0474	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALIOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR H. L. BROWN, JR.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 2237, Midland, Texas 79701		8. FARM OR LEASE NAME FEDERAL "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650 FEL, 1650 FSL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Bluitt(Wolfcamp)	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-8S, R-37E	
12. COUNTY OR PARISH Roosevelt		13. STATE New Mexico	
15. DATE SPUDDED 7-20-75	16. DATE T.D. REACHED 8-12-75	17. DATE COMPL. (Ready to prod.) 8-15-75	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4054. GL
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 8130		
21. PLUG, BACK T.D., MD & TVD 8061		22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity, Gamma Ray Depth Control			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
12-3/4"	33#	509	17"
8-5/8"	32,28,24#	3725	11"
5-1/2"	17, 15.5#	8130	
CEMENTING RECORD		AMOUNT PULLED	
525 sx		None	
300 sx		"	
550 sx		"	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		FACKER SET (MD)	
SIZE	DEPTH SET (MD)	7909	
2-3/8"	7909	7909	
31. PERFORATION RECORD (Interval, size and number)			
Perforated with 2 jet shots per ft. 8017-22, 8024-28, 8030-32, 8034-43, 8048-50, 8056-58			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8017-8058		3000 gal. 20% DS-30, 57000	
		SCFN ₂ , 36 RCN Ball Sealers	
		ATP - 4700# at 3.3 BPM	
33.* PRODUCTION			
DATE FIRST PRODUCTION 12-5-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 12-5-75	HOURS TESTED 24 hr	CHOKE SIZE 11/64"	PROD'N. FOR TEST PERIOD →
OIL—BBL. 27	GAS—MCF. 1320	WATER—BBL. 0	GAS-OIL RATIO 48,888
FLOW. TUBING PRES. 1745	CASING PRESSURE pkc	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) 64
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS Inclination Report, Cementing Affidavit, Log			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Jack R. McGraw		TITLE Drilling & Production Mgr. DATE Dec. 5, 1975	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. NEW 0474	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR H. L. Brown, Jr.			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2237 Midland, Texas 79701			8. FARM OR LEASE NAME Federal "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FEL & 1650' FSL, Section 4, T 8 S, R 37 E 1650' FEL & 1650' FSL, Section 4, T 8 S, R.37 E			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 miles East of Milnesand, New Mexico			10. FIELD AND POOL, OR WILDCAT Blaine Wolfcamp Gas	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Section 4, T 8 S, R 37 E	
16. NO. OF ACRES IN LEASE 959.6			12. COUNTY OR PARISH Roosevelt	
17. NO. OF ACRES ASSIGNED TO THIS WELL 319.60			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3200'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4054' GL			22. APPROX. DATE WORK WILL START* May 1, 1975	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	500	500 SXS CIRCULATE
11"	8-5/8"	24 & 32#	3700	300 SXS
7-7/8"	5-1/2"	15.5 & 17#	8200	300 SXS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

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 prevention program, if any.

24. SIGNED Jack R. McGraw Drilling & Prod. Mngr. DATE March 14, 1975

(This space for Federal or State office use)

SEE ATTACHED NOTICE
PERMIT NO. CONCERNING GAS FLARING

APPROVAL DATE

APPROVED

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE 2 1975

ACTING DISTRICT ENGINEER

AUG 2 1975

RECEIVED

MAY 24 1985

MOBILE OFFICE

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

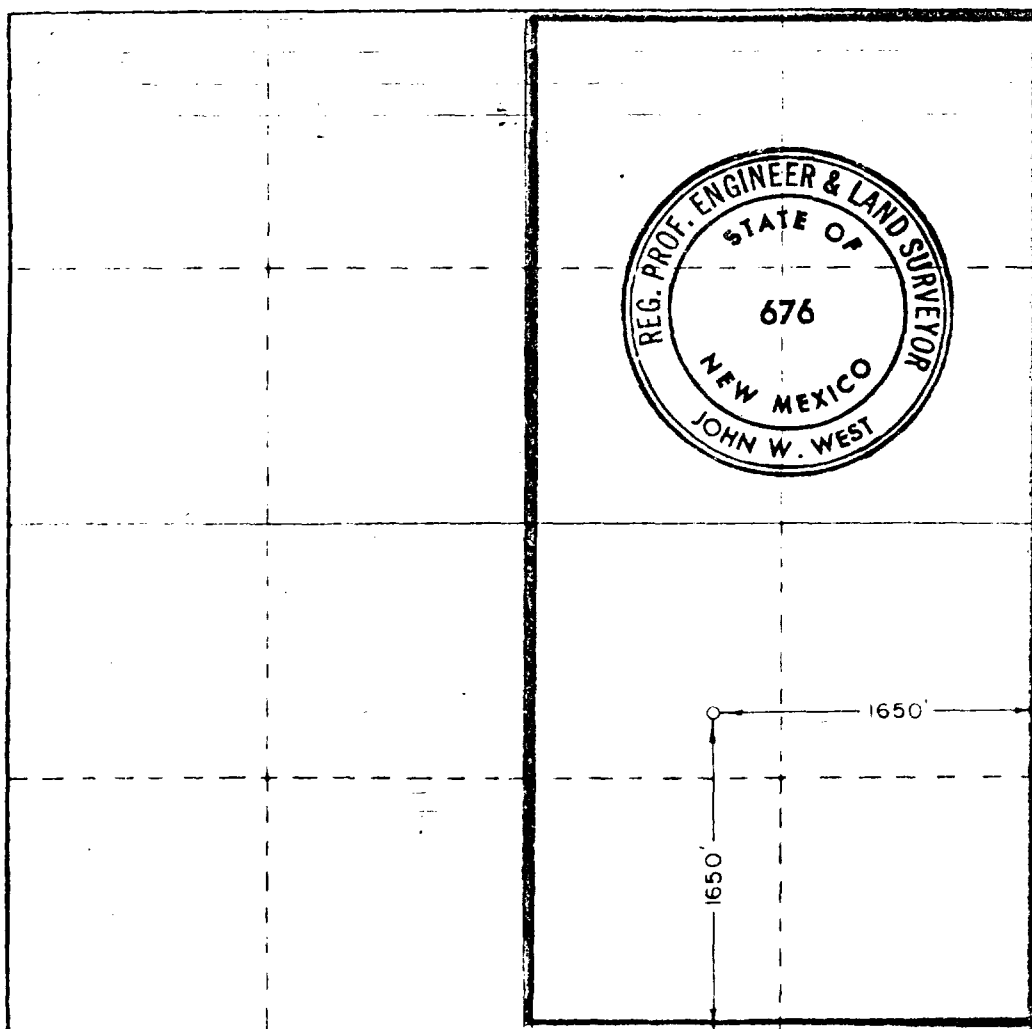
H. L. Brown, Jr.		Federal B		1	
J	4	8 South	37 East	Roosevelt	
1650	South	1650	East		
4054.0	Wolfcamp	Bluff Wolfcamp Gas	UNDESIGNATED	319.60	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Jack R. McGraw

Jack R. McGraw

Drilling & Production Mngr.

H. L. Brown, Jr.

March 14, 1975

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

March 4, 1975

Registered Professional Engineer
and/or Land Surveyor

John W. West

676

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR H. L. BROWN, JR.						5. LEASE DESIGNATION AND SERIAL NO. NM 21513	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79701						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FWL & 990' FNL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME FEDERAL "C"	
DATE ISSUED Approved 5-2-75						9. WELL NO. 1	
15. DATE SPUNDED 5-30-75						10. FIELD AND POOL, OR WILDCAT Bluitt(Wolfcamp)Gas	
16. DATE T.D. REACHED 7-17-75						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 4, T-8S, R-37E	
17. DATE COMPL. (Ready to prod.) 7-31-75						12. COUNTY OR PARISH Roosevelt	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4064.7 GL						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 8149'		21. PLUG BACK T.D., MD & TVD 8105'		22. IF MULTIPLE COMPL., HOW MANY*		19. ELEV. CASINGHEAD	
23. INTERVALS DRILLED BY Rotary						25. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top of Wolfcamp porosity 7969' by drilling time.						26. TYPE ELECTRIC AND OTHER LOGS RUN CNFD, Gammatron	
27. WAS WELL CORED No						28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
12-3/4"		33.30#		510'		17"	
8-5/8"		32, 28, 24, 24.7#		3750'		11"	
5-1/2"		17#, 15.5#		8149'		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
500 sks		None					
560 sks		"					
400 sks		"					
29. LINER RECORD						30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		8034'		8034'			
31. PERFORATION RECORD (Interval, size and number) Perforated with 2 jet shots per ft. 7970-74, 7977-80, 7988-95, 7997-8001, 8009						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
7908.83'		3000 gal. 20% DS-30 acid, 53,000 standard cubic ft. nitrogen ATP - 3200# at 4.2 BPM					
33. PRODUCTION							
DATE FIRST PRODUCTION 12-5-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12-5-75		HOURS TESTED 24		CHOKE SIZE 10/64"		PROD'N. FOR TEST PERIOD →	
OIL—BBL. 31		GAS—MCF. 1520		WATER—BBL. 0		GAS-OIL RATIO 49,032	
FLOW. TUBING PRESS. 1850		CASING PRESSURE pkr.		CALCULATED 24-HOUR RATE →		OIL GRAVITY-API (CORR.) 63	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Don Holland	
35. LIST OF ATTACHMENTS Inclination Survey, Cementing Affidavit, Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Jack R. McGraw		TITLE Drilling & Production Mgr.				DATE December 5, 1975	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sticks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS																															
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.																														
Wolfcamp	7964	8094	Porous Dolomite containing gas																														
<table border="1"> <thead> <tr> <th>NAME</th> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1546</td> <td></td> </tr> <tr> <td>San Andres</td> <td>3688</td> <td></td> </tr> <tr> <td>Pi Marker</td> <td>4190</td> <td></td> </tr> <tr> <td>Glorieta</td> <td>4979</td> <td></td> </tr> <tr> <td>Paddock</td> <td>5071</td> <td></td> </tr> <tr> <td>Tubb</td> <td>6237</td> <td></td> </tr> <tr> <td>Drinkard</td> <td>6360</td> <td></td> </tr> <tr> <td>Abo</td> <td>6990</td> <td></td> </tr> <tr> <td>Wolfcamp</td> <td>7964</td> <td></td> </tr> </tbody> </table>				NAME	MEAS. DEPTH	TRUE VERT. DEPTH	Anhydrite	1546		San Andres	3688		Pi Marker	4190		Glorieta	4979		Paddock	5071		Tubb	6237		Drinkard	6360		Abo	6990		Wolfcamp	7964	
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NMI-21513 021097-A

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

H. L. Brown, Jr.

3. ADDRESS OF OPERATOR

P. O. Box 2237 Midland, Texas 79701

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

At surface

1650' FWL & 990' FNL, Section 4, T 8 S, R 37 E

At proposed prod. zone

1650' FWL & 990' FNL, Section 4, T 8 S, R 37 E

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

14 miles East of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

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

990

16. NO. OF ACRES IN LEASE

1597.67

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319.44

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3200

19. PROPOSED DEPTH

8200

20. ROTARY OR CABLE TOOLS

Rotary

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

4064.7' GL

22. APPROX. DATE WORK WILL START*

April 30, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350' 500'	350 SXS CIRCULATE
11"	8-5/8"	24 & 32#	3700'	300 SXS
7-7/8"	5-1/2"	15.5#	8200'	300 SXS

INCREASE SURFACE CSG. from 350 to 500' CIRCULATE

RECEIVED
APR 17 1975
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOSEE ATTACHED FOR CONDITIONS OF APPROVAL

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 Jack R. McGraw

Drilling & Prod. Mngr

DATE 3-14-75

(This space for Federal or State office use)

SEE ATTACHED NOTICE

PERMIT NO. _____ CONCERNING GAS FLARING

APPROVAL DATE _____

APPROVED

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

MAY 2 1975

JIM SIMS

ACTING DISTRICT ENGINEER

AUG 2 1975

*See Instructions On Reverse Side

RECEIVED

MAY 24 1985

10-11-1985

NEW 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

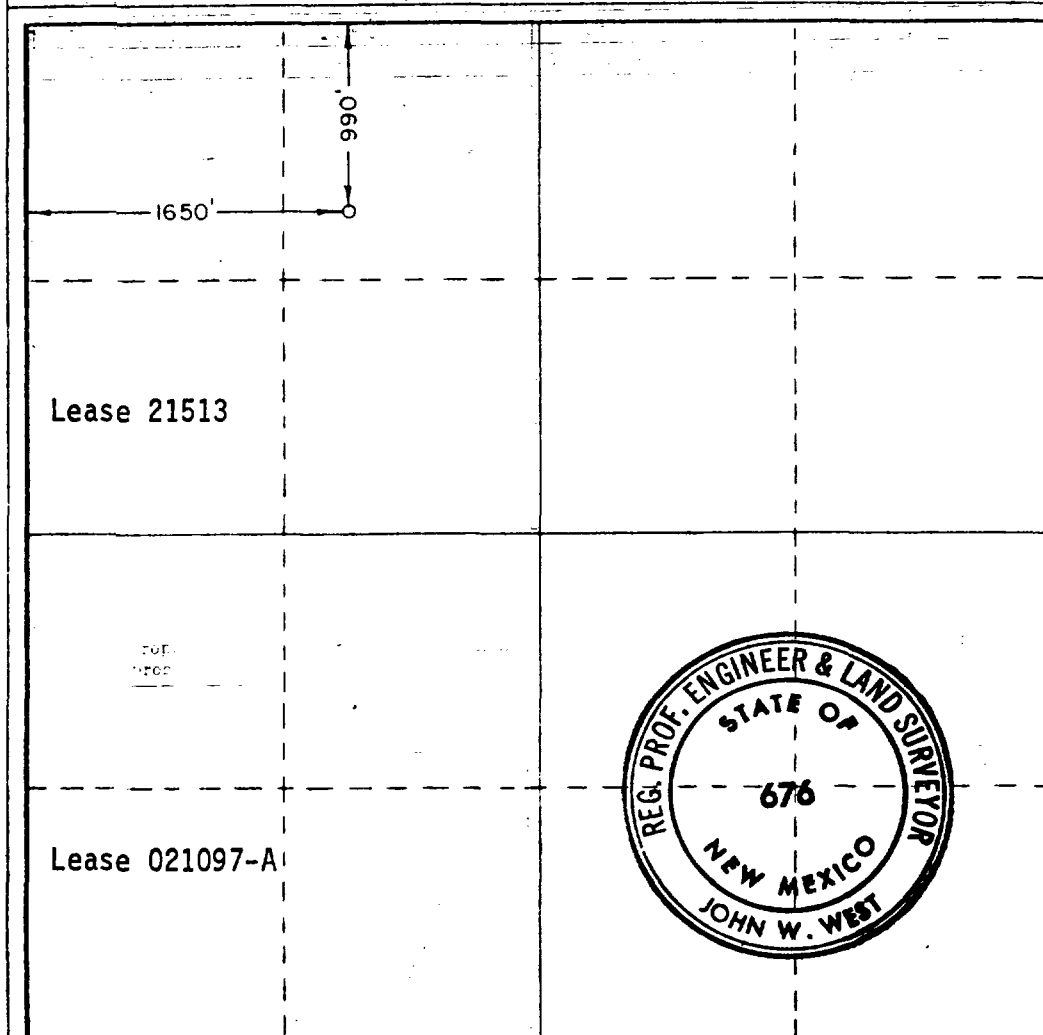
Operator H. L. Brown, Jr.		Lease Federal C		Well No. 1
Unit Letter C	Section 4	Township 8 South	Range 37 East	County Roosevelt
Actual Well Location of Well: 990 feet from the North line and 1650 feet from the West line				
Ground Level Elev. 4064.7	Producing Formation Wolfcamp	Pool Bluitt Wolfcamp Gas	Dedicated Acreage: 319.44 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 Communitization

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.

Jack R. McGraw

Name
Jack R. McGraw

Position
Drilling & Production Mngr.

Company
H. L. Brown, Jr.

Date
March 14, 1975

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
March 4, 1975

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **676**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____										5. LEASE DESIGNATION AND SERIAL NO. NM 0474	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESYR. ☐ Other _____										6. IF INDIAN, ALLOTEN OR TRIBE NAME _____	
2. NAME OF OPERATOR H. L. BROWN, JR.										7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79701										8. FARM OR LEASE NAME FEDERAL "D"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FWL, 990' FNL At top prod. interval reported below Same At total depth Same										9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____										10. FIELD AND POOL, OR WILDCAT Bluitt(Wolfcamp) Gas	
15. DATE SPUDDED 8-13-75 16. DATE T.D. REACHED 9-3-75 17. DATE COMPL. (Ready to prod.) 9-12-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4029.8 GL										11. SEC., T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 9, T-8S, R-37E	
20. TOTAL DEPTH, MD & TVD 8124 21. PLUG BACK T.D., MD & TVD 8092 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY Rotary										12. COUNTY OR PARISH Roosevelt	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp										13. STATE New Mexico	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity, Gamma Ray Depth Control										19. ELEV. CASINGHEAD _____	
27. WAS DIRECTIONAL SURVEY MADE No										25. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-3/4"		33.30#		516		17"		500 SX		None	
8-5/8"		32, 24#		3746		11"		500 SX		"	
4-1/2"		13.5, 11.6, 10		5# 8124		7-7/8"		500 SX		"	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3/8"		7930		7930							
31. PERFORATION RECORD (Interval, size and number)											
Perforated with 2 jet shots per ft. 8006-11, 8013-16, 8018-22, 8024-35											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
8006-8035						3000 gal. 20% DS-30, 500 cu. ft. per bbl nitrogen ATP - 4400 at 3 BPM					
33. PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
12-5-75		Flowing						Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
12-5-75		24		11/64		→		26		1020	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
1700 psi		pkf		→		26		1020		0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)											
Sold											
35. LIST OF ATTACHMENTS											
Inclination Survey, Cementing Affidavit, Log											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <i>Jack R. McGraw</i>				TITLE Drilling & Production Mgr.				DATE Dec. 5, 1975			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

Order: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	GEOLOGIC MARKERS	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	7998	8048	Porous Dolomite containing gas		Anhydrite San Andres Glorieta Paddock Tubb Drinkard Abo Wolfcamp	2215 3697 5000 5100 6260 6380 7007 7998	

RECEIVED

MAY 22 1985

U.S. DEPT. OF JUSTICE

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

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79701

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

At surface

2310' ENL & 990' ENL Sec. 9, T-8S, R-37E
At proposed prod. zone

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

10 Miles east Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

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

990'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

8200

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

4029.8 GL

22. APPROX. DATE WORK WILL START*

August 11, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	33.3#	500'	500 SX
11"	8-5/8"	24#, 32#	3700'	500 SX
7-7/8"	5-1/2"	17, 15.5#	8200'	500 SX

See Attached

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

Jack R. McGraw

TITLE

Drilling & Production Mgr.

DATE

August 5, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instructions On Reverse Side

APPROVED
AS AMENDED
AUG 13 1975
ARTHUR R. BROWN
DISTRICT ENGINEER

**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

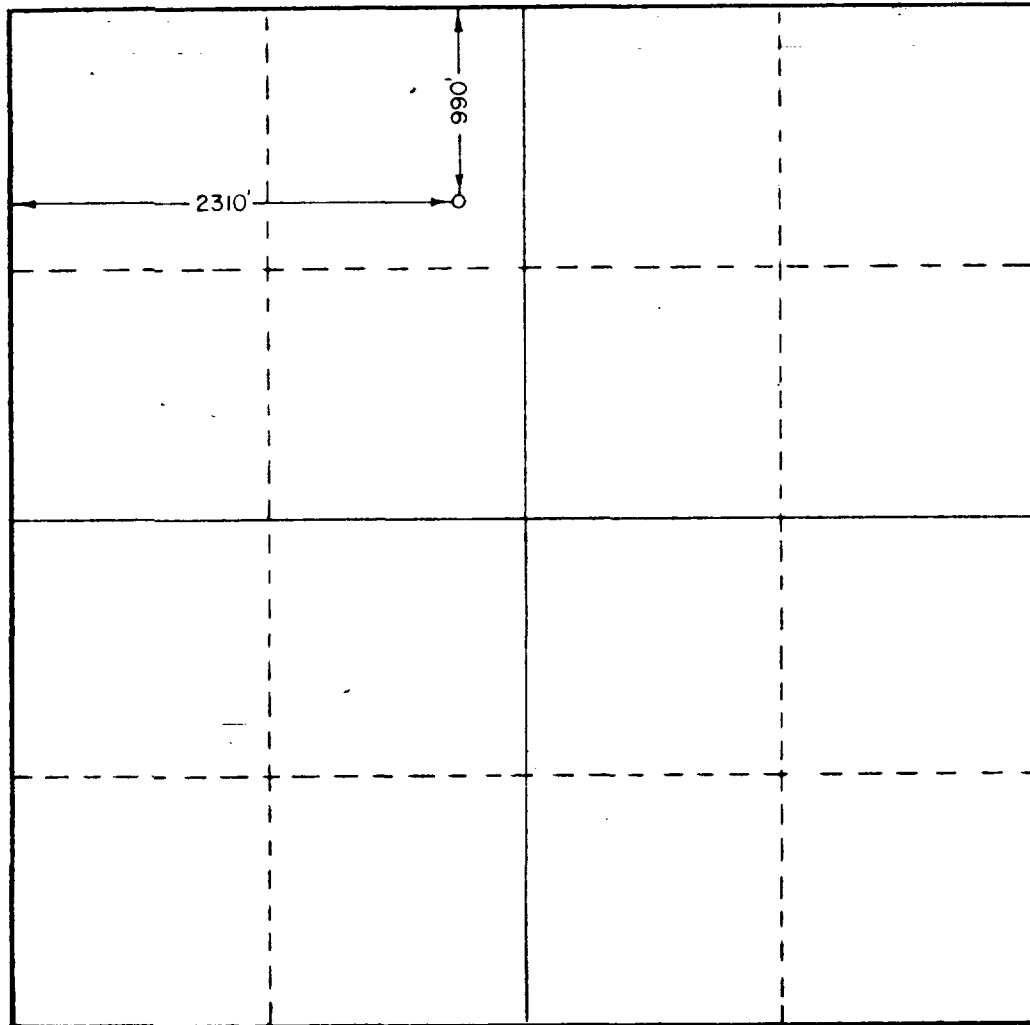
Operator H. L. Brown, Jr.			Lessee Federal "D"		Well No. 1
Unit Letter C	Section 9	Township 8 South	Range 37 East	County Roosevelt	
Actual Portage Location of Well: 2310 feet from the West line and 990 feet from the North line					
Ground Level Elev. 4029.8	Producing Formation Wolfcamp	Pool Bluitt(Wolfcamp) Gas		Dedicated Acreage: 320 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 Communitization

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
Jack R. McGraw

Position
Drilling & Production Mgr.

Company
H. L. Brown, Jr.

Date
August 5, 1975

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 Survey
August 1, 1975

Registered Professional Engineer and/or Land Surveyor
676

Certificate No. **JOHN W. WEST**

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR H. L. BROWN, JR.						5. LEASE DESIGNATION AND SERIAL NO. NM 13740	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79701						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310 FSL, 990' FWL At top prod. interval reported below same At total depth same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Federal "E"	
DATE ISSUED Aug. 26, 1975						9. WELL NO. 1	
15. DATE SPUDDED 8-30-75						10. FIELD AND POOL, OR WILDCAT Bluff(WC)Gas	
16. DATE T.D. REACHED 11-12-75						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T-7S, R-37E	
17. DATE COMPL. (Ready to prod.) 11-21-75						12. COUNTY OR PARISH Roosevelt	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4045 GL						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 9032		21. PLUG BACK T.D., MD & TVD 8828		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp - 8027-8148						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity, Dual Laterolog						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
12-3/4"		33.30#		512		17 1/2"	
8-5/8"		32#		3695		11"	
4-1/2"		11.5, 11.6#		9032		7-7/8"	
CEMENTING RECORD		AMOUNT PULLED					
500 sx		none					
650 sx		none					
600 sx		none					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
2-3/8"		8098		8098		8098	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		8098		8098			
31. PERFORATION RECORD (Interval, size and number)							
8034-8070 2 jet shots per ft.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
8034-8070				1500 gal 20% DS-30 ATP - 3000#			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2/9/76		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/9/76		HOURS TESTED 24		CHOKE SIZE 12/64"		PROD'N. FOR TEST PERIOD 18	
FLOW. TUBING PRESS. 1225		CASING PRESSURE pkp		CALCULATED 24-HOUR RATE 18		OIL—BBL. 1200	
GAS—MCF. 0		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 66.670		GAS-OIL RATIO 67.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Transwestern Pipe Line Co.						TEST WITNESSED BY Alton Perkins	
35. LIST OF ATTACHMENTS Inclination Survey, Cementing Affidavit, Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Jack R. McGraw				TITLE Drilling & Production Mgr. DATE Feb. 11, 1976			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORREL INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8027	8148	Porous Dolomite containing gas	Anhydrite San Andres Glorieta Paddock Tubb Drinkard Abo Wolfcamp	2048 3692 5003 5091 6266 6445 7014 8027	

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

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79701

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

At surface

2310' FSL & 990' FWL Section 34, T-7S, R-37E

At proposed prod. zone

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

10 miles east of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

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

990

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

9150

20. ROTARY OR CABLE TOOLS

Rotary

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

4045 GL

22. APPROX. DATE WORK WILL START*

August 11, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	33.3#	500	500 sx CIRCULATE
11	8-5/8"	24#, 32#	3700	500 sx
7-7/8"	5-1/2"	15.5#	9150	500 sx

H. L. BROWN, JR.

RECEIVED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

SEE ATTACHED

BCP AUG 27 1975 ACP

NOV 26 1975

Land Eng.Geol. Acctg.

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

Jack R. McGraw

TITLE Drilling & Production Mgr.

DATE August 5, 1975

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instructions On Reverse Side

APPROVED
AS AMENDED
AUG 26 1975
ARTHUR R. BROWN
DISTRICT ENGINEER

RECEIVED

MAY 22 1985

C. S. D.
HOMES OFFICE

MEXICO OIL CONSERVATION CO. 3' N
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

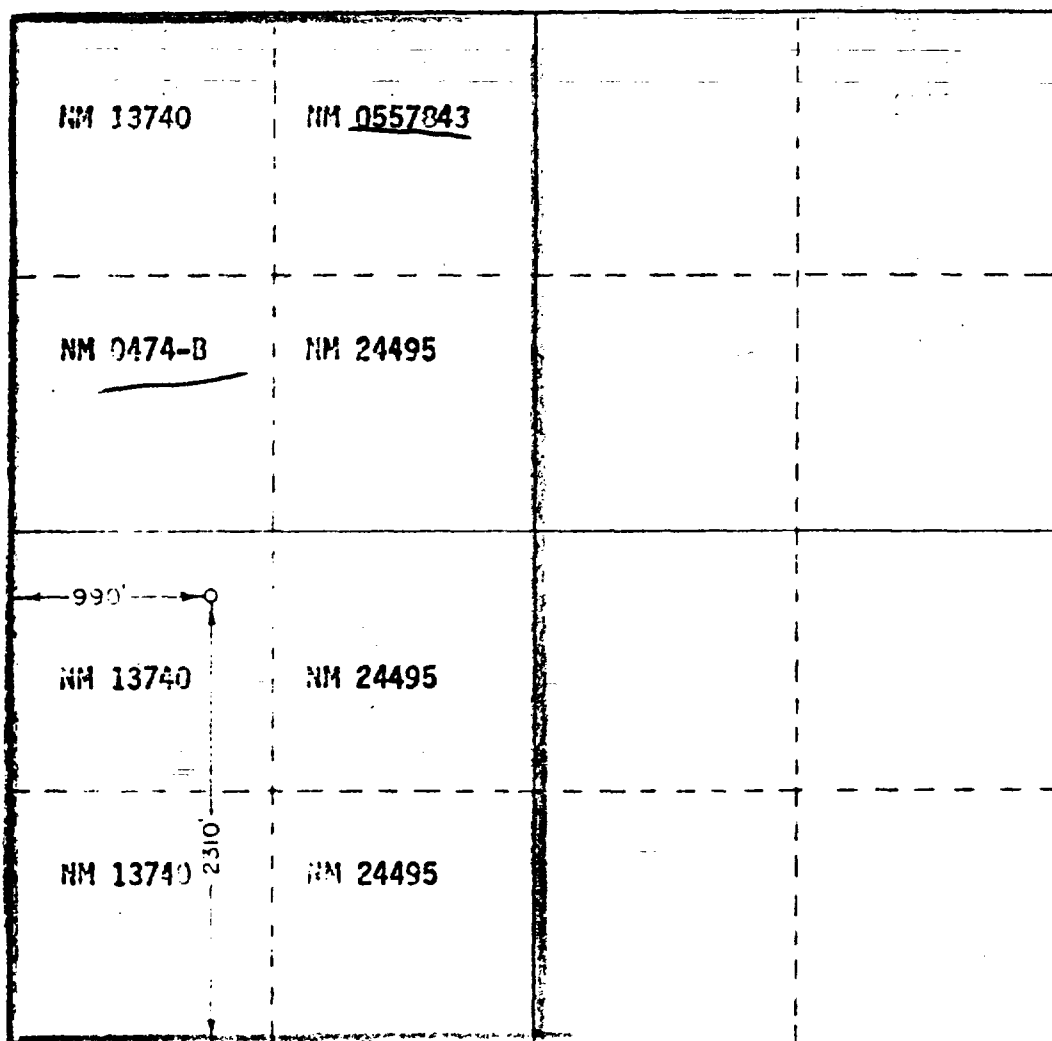
H. L. Brown, Jr.		Federal "E"		Well No. 1
L	34	7 South	37 East	Roosevelt
Location of Well: 2310 feet from the South line and 990 feet from the West line				
4045	Wolfcamp	Bluttt (Wolfcamp) Gas	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty)
- 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 Communitization agreement being circulated.

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.

Jack R. McGraw

Name
Jack R. McGraw

Position
Drilling & Production Mgr.

Company
H. L. Brown, Jr.

Date
August 5, 1975

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 of Survey
August 1, 1975
Registered Professional Engineer & Land Surveyor
New Mexico
678
West

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(See other instructions on reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR H. L. BROWN, JR.						5. LEASE DESIGNATION AND SERIAL NO. 18240-A NM	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79701						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FWL, 1650' FSL At top prod. interval reported below Same At total depth Same						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED Sept. 29, 1975	
15. DATE SPUDDED 11-13-75						12. COUNTY OR PARISH Roosevelt	
16. DATE T.D. REACHED 12-6-75						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 12-18-75						9. WELL NO. 1	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4037.8 GL						10. FIELD AND POOL, OR WILDCAT BLUITT(WOLFCAMP)GAS	
20. TOTAL DEPTH, MD & TVD 8164						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 3, T-8S, R-37E	
21. PLUG, BACK T.D., MD & TVD 8118						12. COUNTY OR PARISH Roosevelt	
22. IF MULTIPLE COMPL., HOW MANY* →						13. STATE New Mexico	
23. INTERVALS DRILLED BY Rotary						19. ELEV. CASINGHEAD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp - 8054 top - Bottom not logged						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gammatron						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
12-3/4"		33.30#		503		17"	
8-5/8"		32#, 24#		3648		11"	
4-1/2"		10.5, 11.6#		8164		7-7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		7945'		7945'			
31. PERFORATION RECORD (Interval, size and number)							
8055-64, 8068-72, 8076,-85 2 jet shots per ft.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
8055-8085				3000 gal. 20% DS-30 acid + 68,000 standard cu. ft. nitrogen at 3 1/2 BPM. ATP - 4600 psi			
33. PRODUCTION							
DATE FIRST PRODUCTION 2/9/76		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/9/76		HOURS TESTED 24		CHOKE SIZE 14/64"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 1380		CASING PRESSURE pkr		CALCULATED 24-HOUR RATE →		OIL—BBL. 17	
						GAS—MCF. 1100	
						WATER—BBL. 0	
						GAS-OIL RATIO 64.710	
						OIL GRAVITY-API (CORR.) 68.4	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold - Transwestern Pipe Line Company						TEST WITNESSED BY Alton Perkins	
35. LIST OF ATTACHMENTS Inclination Survey, Cementing Affidavit, Log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED Jack R. McGraw

TITLE Drilling & Production Mgr.

DATE February 11, 1976

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Wolfcamp	8054	not logged	Porous Dolomite containing gas	Anhydrite San Andres Glorieta Paddock Tubb Drinkard Abo Wolfcamp	not logged not logged not logged not logged not logged not logged not logged 8054	not logged

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

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79701

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

At surface

990' FWL, 2310' FSL

At proposed prod. zone

1650

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

10 miles east Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

-

19. PROPOSED DEPTH

8200'

20. ROTARY OR CABLE TOOLS

Rotary

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

4045 GL

22. APPROX. DATE WORK WILL START*

Oct. 1, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	12-3/4"	33.3#	500'	500 sx. CIRCULATE
11"	8-5/8"	24#, 32#	3700'	500 sx.
7-7/8"	5-1/2"	17#, 15.5#	8200'	500 sx.

H. L. BROWN, JR.

RECEIVED

SEE ATTACHED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL.

OCT 2 1975

Land _____ Eng. _____

Geol. _____ Accty. _____

DEC 29 1975

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

Jack R. McGraw
Jack R. McGraw

TITLE

Drilling & Production Mgr.

DATE

Sept. 15, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Jim Sims

*See Instructions On Reverse Side

RECEIVED

MAY 22 1985

10-1-85

Revised Plats
NEW 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

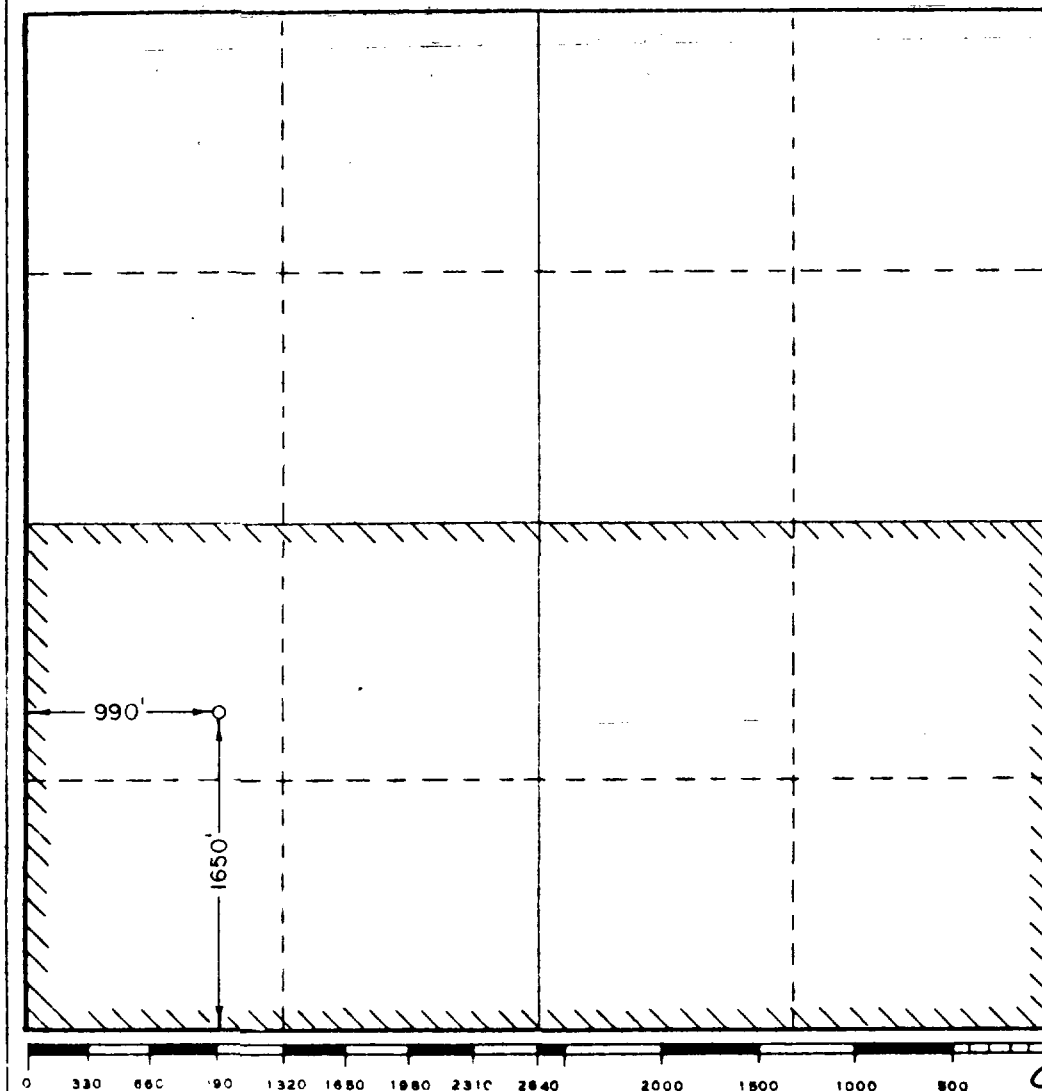
Operator H. L. Brown Jr.			Lease Federal "F"		Well No. 1
Unit Letter L	Section 3	Township 8 South	Range 37 East	County Roosevelt	
Actual Location of Well: 1650 feet from the South line and 990 feet from the West line					
Ground Level Elev. 4037.8	Producing Formation Wolfcamp		Pool Bluitt Wolfcamp		Dedicated Acreage: S 1/2 320 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
Jack R. McGraw

Position
Drilling & Producing Manager

Company
H. L. Brown, Jr.

Date
September 18, 1975

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
September 18, 1975

Registered Professional Engineer and Land Surveyor
876

STATE OF NEW MEXICO
JOHN W. WEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "G"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluitt (Wolfcamp) Gas

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

Sec. 3, 8-S, 37-E

12. COUNTY OR
PARISH

13. STATE

Roosevelt New Mexico

1a. TYPE OF WELL:

OIL
WELL ☐GAS
WELL ☒DRY ☐

Other _____

b. TYPE OF COMPLETION:

NEW
WELL ☒WORK
OVER ☐DEEP-
EN ☐PLUG
BACK ☐DIFF.
RESVR. ☐

Other _____

2. NAME OF OPERATOR

H. L. Brown, Jr.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79702

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

At surface 990' FN and WL, Section 3

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

7/27/79

16. DATE T.D. REACHED

8/31/79

17. DATE COMPL. (Ready to prod.)

9/21/79

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

4052

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8812

21. PLUG, BACK T.D., MD & TVD

8385

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8013-45 Wolfcamp

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	510'	17 1/2"	200 sx Class C	
8 5/8"	24 & 32#	3720'	11"	1100 B.J. Lite, 200 sx C	C
4 1/2"	10.50 & 11.60	8560'	7 7/8"	850 sx 50-50 poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7950	7590

31. PERFORATION RECORD (Interval, size and number)

8013-45'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8013-45'	3000 gal 15% NF acid

33.* PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or
shut-in)

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/20/79	4	12/64"	→	trace	149	1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1075 psi	pkc	→	trace	3576	1		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Conrad Dorsey

35. LIST OF ATTACHMENTS

Logs and inclination report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jan. Davidson

TITLE

Prod-Acctg. Supervisor

DATE

10-4-79

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on
reverse side)

Budget Bureau No. 42 R1425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 b. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐
 NAME OF OPERATOR

H. L. BROWN, JR.
 ADDRESS OF OPERATOR

Post Office Box 2237, Midland, Texas 79702
 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 990' FN & WL, Sec. 3
 At proposed prod. zone Same

4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 11 miles east of Milnesand, New Mexico

5. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 990'

6. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

7. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4051.6 GR

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	33.3#	500'	500 sx - circ to surface
12 1/4"	8 5/8"	24# & 32#	3800'	1500 sx - circ to surface
7 7/8"	4 1/2"	10.5#	8900'	600 sx - est. top at 5500'

Proposed to drill a Devonian Wildcat using rotary tools to approximately 8900'. Cement will be circulated on the 12 3/4" and 8 5/8" casing strings. It is planned to test the Devonian and complete in same provided commercial production is found. Should the Devonian be non-commercial, a completion will be made in the Bluit (Wolfcamp) Gas-Condensate Pool at approximately 8100'. Completion or abandonment will be performed in accordance with prudent practices and regulatory requirements. A double ram Series 900 BOP and choke manifold will be used from 8 5/8" casing to total depth.

DRILLING OPERATIONS AUTHORIZED ARE
 SUBJECT TO COMPLIANCE WITH ATTACHED
 GENERAL REQUIREMENTS

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.

SIGNED J. L. McMill TITLE Drlg & Prod. Manager DATE 6-26-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.
~~NT 18240~~ NM 23018
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Federal "G"
 9. WELL NO.
 #1
 10. FIELD AND POOL, OR WILDCAT
 Wildcat (Devonian)
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 3, T-8-S, R-37-E
 12. COUNTY OR PARISH
 Roosevelt
 13. STATE
 New Mexico

APPROVED
 AS AMENDED
 JUL 28 1979
AR Brown
 ACTING DISTRICT ENGINEER

RECEIVED

MAY 22 1985

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

L. BROWN, JR.

FED. "G"

8 SOUTH

27 EAST

ROOSEVELT

220

EAST

990

WEST

Levonian

Wildcat

40 220

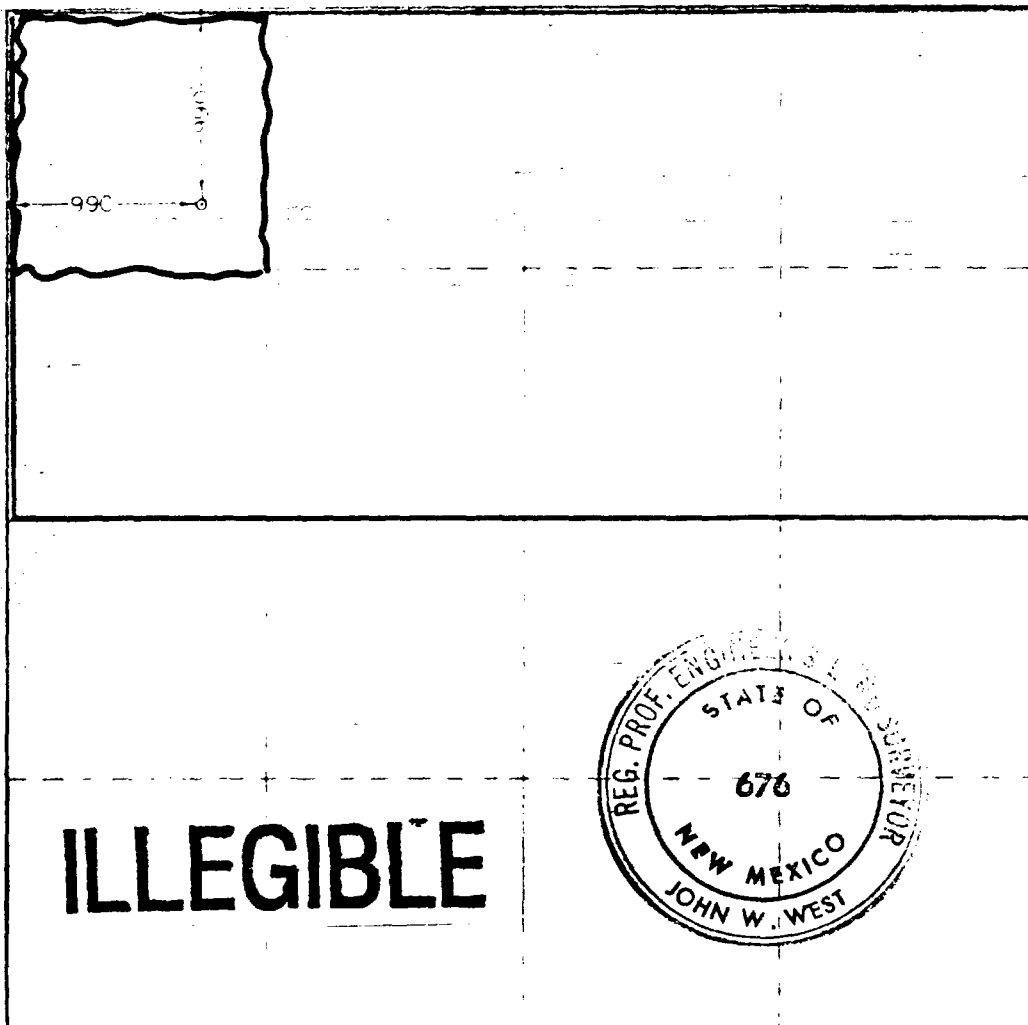
1. The acreage dedicated to the subject well to be stated in the following table.
2. The acreage dedicated to the well, stating each and identifying the interest, shall be stated in the following table.
3. If more than one phase of different ownership is dedicated to the well, have the interests of all owners been consolidated to unitization, force-pooling, etc?

4

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 acreage will be assigned to the well until all interests have been consolidated by unitization, unitization, force-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.

L. L. McSic

Prod and Delg Mgr.

H. L. BROWN, JR.

July 9, 1979

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 sworn

JUNE 9TH, 1979

Registered for fees

Notary Public

L. L. McSic

JOHN W. WEST 676
Roosevelt 220 990 2232

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN

LOCATE*

(See other in-
structions on
reverse side)Form approved
Bureau No. 42-R-55.5

5. LEASE DESIGNATION AND SERIAL NO.

NM-28054

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

12. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

13. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REPER. ☐ Other _____

2. NAME OF OPERATOR

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79702

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

At surface 990' FEL and 1650' FSL, Sec. 5, T-8-S, R-37-E

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

1-18-76

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "H"

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Bluitt (Wolfcamp) Gas

11. SEC., T., R., NE, OR BLOCK AND SURVEY OR AREA

Sec. 5, T-8-S, R-37-E

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

1-10-77

2-16-77

2-21-77

4051.3 GR

4051.3

20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

3156

8094

No

0-TD

CABLE TOOLS

8013-8056 Wolfcamp

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neutron Porosity

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12 3/4"	49#	516	17 1/2"	200 sx Howco lite, 300 sx Class C	None
8 5/8"	24# & 32#	3712	11"	1304 sx Hal. Lite, 200 sx Class C	None
**Over					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7984	7798

31. PERFORATION RECORD (Interval, size and number)

8013'-8018' 8043'-8045'

8020'-8023' 8052'-8056'

8026'-8028'

8031'-8039'

All w/2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8013'-8056'	Treated w/4,000 gal 20% DS-30 acid w/500 SCF N ₂ /bbl.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
2-25-77	Flowing	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
2-24-77	4	12/64	→	3.6	153	-0-	42,500

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
1248	nkr	→	21.6	918	-0-	68.6 @ 60°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

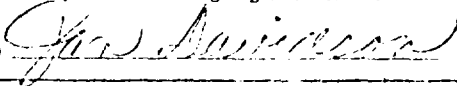
Allen Dorsey

35. LIST OF ATTACHMENTS

C-122, Inclination report, logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Production Clerk

DATE

3-2-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

****4 1/2" csg, 10.5# & 11.6#, 3156', 7 7/8", 600 sx 50-50 Class H & Pozmix, none pulled**

37. SUMMARY OF POROSITY ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Anhydrite	2138						
Yates Sand	2529						
San Andres	3636						
Glorieta Sand	4938						
Clearfork	5080						
Tubb Tubb	6253						
Drinkard	6387						
Abo	7016						
Wolfcamp	7984						

RECEIVED

MAY 22 1985

NOV 22 1985

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

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

P. O. Box 2237, Midland, Texas 79701

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

At surface

990' FEL & 1650' FSL, Sec. 5, T-8-S, R-37-E

At proposed prod. zone

Same

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

14 miles east of Milnesand, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 990'

16. NO. OF ACRES IN LEASE

319.27

17. NO. OF ACRES ASSIGNED
TO THIS WELL

319.27

18. DISTANCE FROM PROPOSED LOCATION*

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

none

19. PROPOSED DEPTH

8300'

20. ROTARY OR CABLE TOOLS

Rotary

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

4051.3 GR

22. APPROX. DATE WORK WILL START*

October 20, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2" OD	12 3/4" OD	49#	500'	500 sx
12-1/4" OD	8 5/8" OD	24 & 32#	3700'	300 sx
7 7/8"	4 1/2" OD	11.60#	8300'	300 sx

(SEE ATTACHED EXHIBITS)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Land _____ Eng. _____

Geol. _____ Acc. The surface formation is Ogallala

Estimated tops of important geologic markers are
as follows:

	Rustler	2100'
	Yates	2550'
Unless Drilling Operations have	San Andres	3690'
Commenced, this drilling approx	Abbo	7010'
Expires: 1-18-77	Wolfcamp Porosity	8020'

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

J. L. McGill

TITLE

Drilling & Production Mgr. DATE October 6, 1976

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE

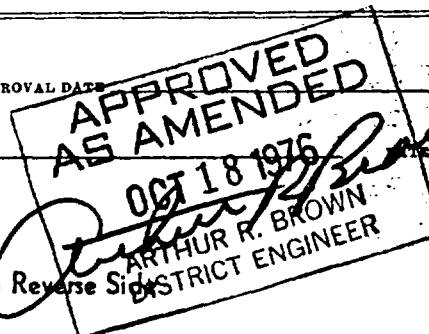
APPROVED BY _____

TITLE

CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

*See Instructions On Reverse Side



NEW 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

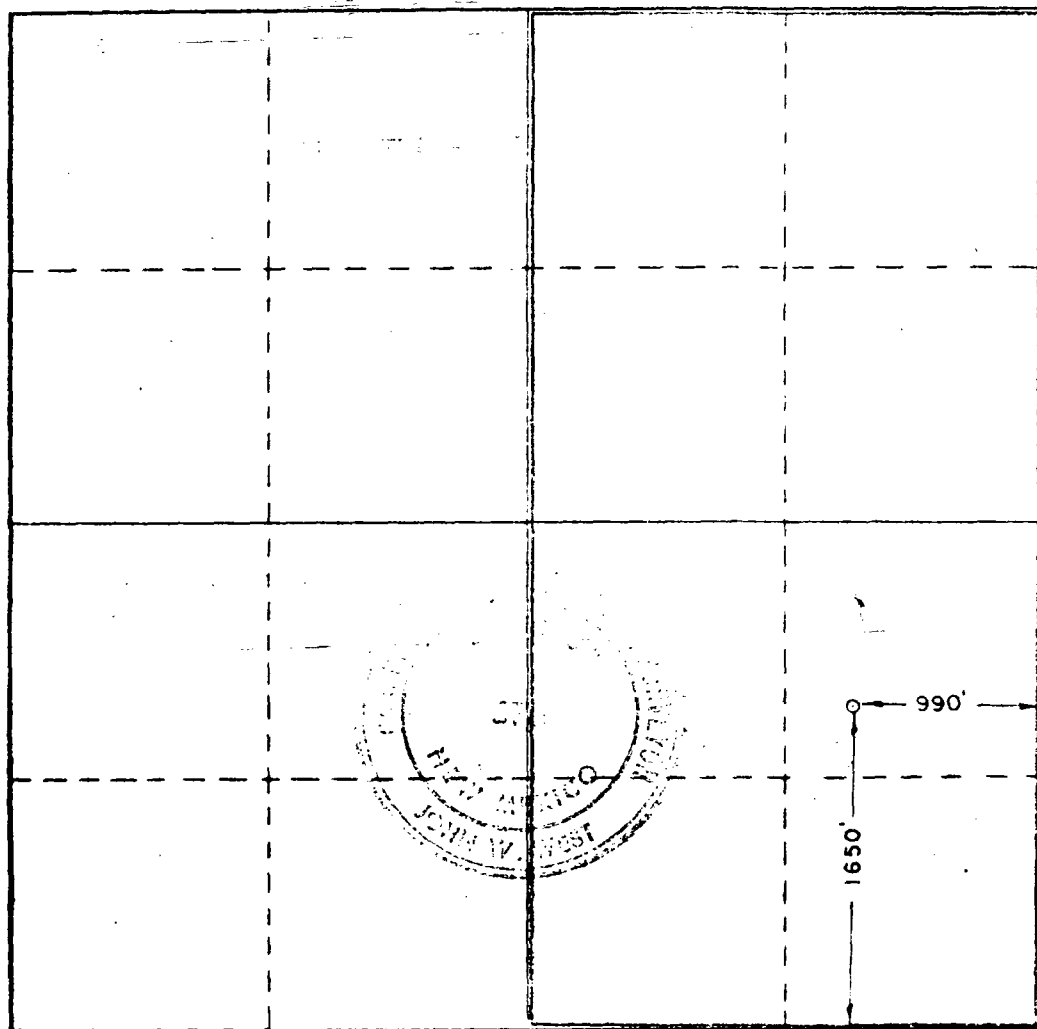
Operator H. L. BROWN, JR.		Lease Federal & H		Well No. 1
Unit Letter I	Section 5	Township 8 South	Range 37 East	County Roosevelt
Actual Footage Location of Well: 1650 feet from the south line and 990 feet from the east line				
Ground Level Elev. 4051.3	Producing Formation Wolfcamp	Gas Undesignated		Section 320

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.

J. L. McGILL

Name **Drilling & Prod. Mng**

Position **H. L. Brown, Jr.**

Date **Oct. 8, 1976**

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

Oct. 4, 1976

Registered Professional Engineer and/or Land Surveyor

John A. West

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM23018	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR H. L. BROWN, JR.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 2237, Midland, Texas 79702				8. FARM OR LEASE NAME Federal "J"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650 FEL and 1650 FNL At top prod. interval reported below Same At total depth				9. WELL NO. 1	
14. PERMIT NO.				10. FIELD AND POOL, OR WILDCAT Bluitt (Wolfcamp)	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10, 8-5, 37-E	
15. DATE SPUDDED 9/15/79		16. DATE T.D. REACHED 11/1/79		12. COUNTY OR PARISH Roosevelt	
17. DATE COMPL. (Ready to prod.) 11/24/79		18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 4039 GR		13. STATE NM	
20. TOTAL DEPTH, MD & TVD 8915		21. PLUG, BACK T.D., MD & TVD 8316		23. INTERVALS DRILLED BY 0-TD	
22. IF MULTIPLE COMPL., HOW MANY*		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8015-8093 Wolfcamp		ROTARY TOOLS CABLE TOOLS	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma-Ray		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
12 3/4"		33#		481'	
8 5/8"		32 & 24#		3766'	
4 1/2"		11.60 & 10.50		8458	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17 1/2"		200 sx Class C		-----	
11"		1300 sx Lite		-----	
7 7/8"		800 sx Class H		-----	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"		8007'		7692	
31. PERFORATION RECORD (Interval, size and number)					
8051-8093					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
8051-8093			4000 gal NE acid		
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
		Flowing			Shut-in
DATE OF TEST		HOURS TESTED		CHOKE SIZE	
11/24/79		4		16/64"	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
		-0-		2454	
WATER—BBL.		GAS—OIL RATIO			
-0-					
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
1540		pkc		-0-	
OIL—BBL.		GAS—MCF.		WATER—BBL.	
-0-		1472		-0-	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
Vented					
35. LIST OF ATTACHMENTS					
Deviation Survey, Log					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>J. L. Davidson</u>		TITLE <u>Production-Acctg. Supv.</u>		DATE <u>11-27-79</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Nacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2448					
San Andres	3683					
Glorieta	4587					
Abo	7012					
WC Pay	8044					
Granite	8864					

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(SEE INSTRUCTIONS ON
REVERSE SIDE)

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

H. L. BROWN, JR.

3. ADDRESS OF OPERATOR

Post Office Box 2237, Midland, Texas 79702
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1650' FN & EL, Sec. 10
At proposed prod. zone

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

12 miles east of Milnesand, New Mexico

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

1650'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

8900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

4039.3'

22. APPROX. DATE WORK WILL START*

July 23, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	12 3/4"	33.3#	500'	500 sx - circ to surface
12 1/4"	8 5/8"	24# & 32#	3800'	1500 sx - circ to surface
7 7/8"	4 1/2"	10.5#	8900'	600 sx - est. top at 5500'

Proposed to drill a Devonian Wildcat using rotary tools to approximately 8900'. Cement will be circulated on the 12 3/4" and 8 5/8" casing strings. It is planned to test the Devonian and complete in same provided commercial production is found. Should the Devonian be non-commercial, a completion will be made in the Bluit (Wolfcamp) Gas-Condensate Pool at approximately 8100'. Completion or abandonment will be performed in accordance with prudent practices and regulatory requirements. A double ram Series 900 BOP and choke manifold will be used from 8 5/8" casing to total depth.

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

John Davidson

TITLE

Prod-Acctg. Supervisor

DATE

6-27-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

MAY 22 1985

O.C.
HOBBS OFFICE

NEW MEXICO OIL CONSERVATION ACT
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supplemental Form
 Effective 1965

All distances must be from the outer boundaries of the Section

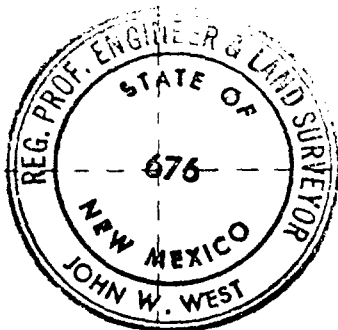
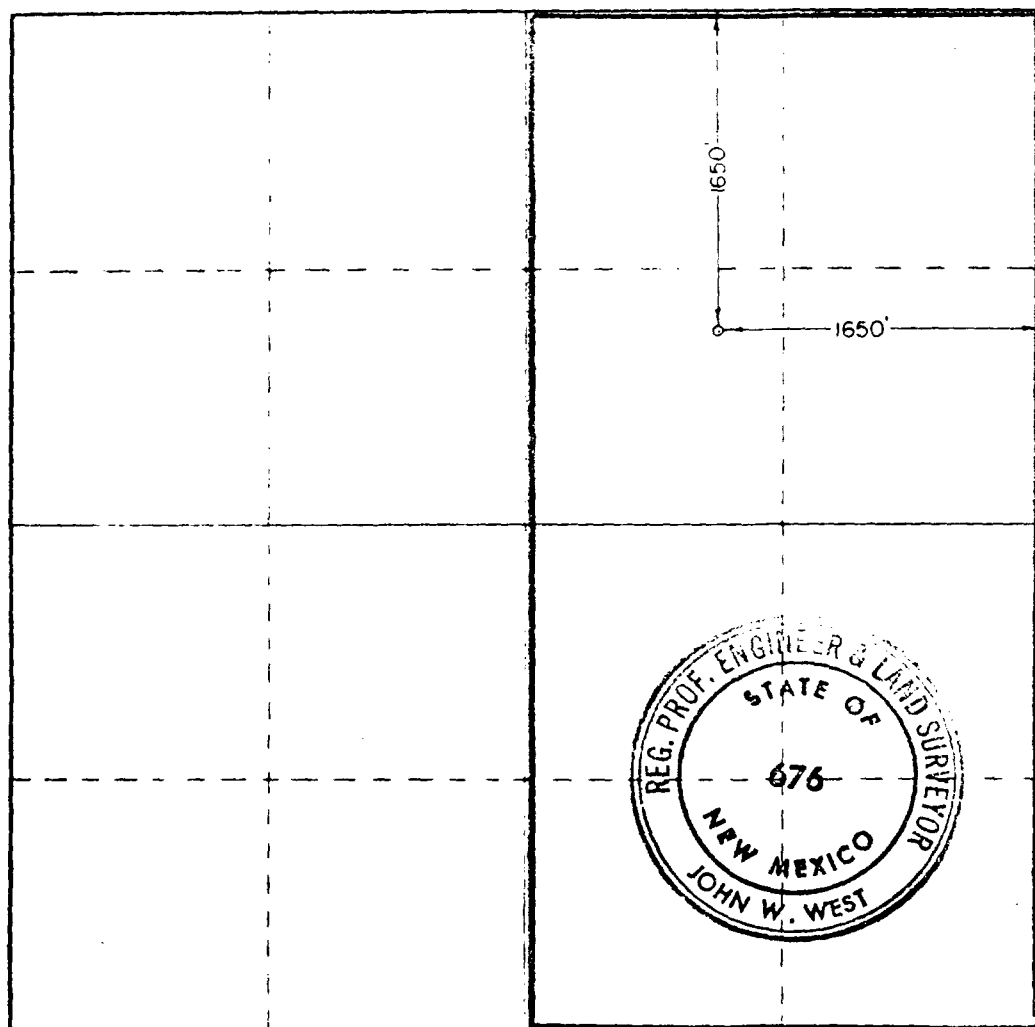
Operator H.L. BROWN, JR.			Lease FED."J"			Well No. 1		
Quarter G	Section 10	Township 8 SOUTH		Range 37 EAST	County ROOSEVELT			
Acres 1650		NORTH		1650		EAST		
Acres 4039.3		Devonian		Wildcat		Acres 320		

- 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

J. L. McBride
 Dir. and Prod. Mgr.

H. L. BROWN, JR.

July 9, 1979

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 9TH, 1979

Registered Professional Engineer and/or Land Surveyor

John W. West

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

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

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LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☒
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐
DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
W. L. Perkins

2. Name of Operator	H. L. Brown, Jr.
3. Address of Operator	P. O. Box 2237 Midland, Texas 79701

9. Well No.	1
10. Field and Pool, or Wildcat	Bluitt (Wolfcamp) Gas

4. Location of Well	UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM <u>West</u> LINE OF SEC. <u>10</u> TWP. <u>8S</u> RGE. <u>37E</u> NMPM
---------------------	---

12. County	Roosevelt
------------	-----------

15. Date Spudded	10-21-74
16. Date T.D. Reached	11-22-74
17. Date Compl. (Ready to Prod.)	12-6-74
18. Elevations (DF, RKB, RT, GR, etc.)	4055' GL

19. Elev. Casinghead	4055'
20. Total Depth	8810'
21. Plug Back T.D.	8770'
22. If Multiple Compl., How Many	
23. Intervals Drilled By	Rotary Tools 0 - TD

24. Producing Interval(s), of this completion - Top, Bottom, Name	8008-8049' Wolfcamp
---	---------------------

25. Was Directional Survey Made	No
---------------------------------	----

26. Type Electric and Other Logs Run	Compensated Neutron Formation Density
--------------------------------------	---------------------------------------

27. Was Well Cored	No
--------------------	----

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	348'	17"	350 sxs Class "C"	None
8-5/8"	24 & 32#	3,750'	11"	400 sxs Class "C"	None
4-1/2"	13.5, 10.6, 11.6#	8,810'	7-7/8"	400 sxs 50-50 Poz-Mix	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-3/8"	7850'	7850'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
8008' - 8011', 8014' - 8018', 8028' - 8032', 8035' - 8039', 8045' - 8049'	DEPTH INTERVAL
19, 0.41" holes	AMOUNT AND KIND MATERIAL USED
	8008' - 8049' 1500 gals gas well acid & 10 ball sealers. Used nitrogen throughout treatment.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
12-6-74		Flowing				Shut in.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
12-6-74	5-1/2	8/64"		5.5	166	0	30,182 - 1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
1230	Packer		24	724	----	67 deg.	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Shut in.	C. Allen Dorsey

35. List of Attachments
C-122, C-103, Inclination Report, Log

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Jack R. McGraw	DATE 12-20-74
-----------------------	---------------

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3708 (+358)	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta 5027 (-961)	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6217 (-2151)	T. Granite 8750 (-4684)	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo 7011 (-2945)	T. Bone Springs	T. Wingate	T.
T. Wolfcamp 8002 (-3936)	T. Clearfork 5100 (-1034)	T. Chinle	T.
T. Penn.	T. Lwr Clrfrk 6390 (-2324)	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn. "A"	T.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1890	1890	Redbeds				
1890	2280	390	Redbeds & anhydrite				
2280	3241	961	Salt & Anhydrite				
3241	3689	448	Anhydrite				
3689	3850	161	Anhydrite & dolomite				
3850	6868	3018	Lime				
6868	7069	201	Lime, shale & chert				
7069	7108	39	Lime, & Abo shale				
7108	7133	25	Lime, shale & chert				
7133	7579	446	Abo shale				
7579	7728	149	Abo shale & lime				
7728	7920	192	Lime & shale				
7920	7975	55	Lime				
7975	7995	20	Lime, shale & abo				
7995	8181	186	Lime				
8181	8215	34	Shale & lime				
8215	8282	67	Lime				
8282	8325	43	Lime & shale				
8325	8364	39	Lime				
8364	8445	81	Lime & shale				
8445	8560	115	Lime				
8560	8622	62	Lime & shale				
8622	8700	78	Lime				
8700	8738	38	Lime & shale				
8738	8810	72	Lime				

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APR 22 1985

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OPERATOR	

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H. L. BROWN, JR.
NEW MEXICO OIL CONSERVATION COMMISSION

Form O-101
Revised 1-1-65

1. A. Indicate Type of Lease
STATE ☐ FEE ☒

1. State Oil & Gas Lease No.

Engineer _____
BCP _____

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		2. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		3. Name or Lease Name H. L. Perkins	
4. Name of Operator H. L. Brown, Jr.		5. Well No. 1	
6. Address of Operator 309 Midland Tower, Midland Texas 79701		7. Field and Foot, or Wildcat Bluff (Wolfcamp)	
8. Location of Well UNIT LETTER D LOCATED 990 FEET FROM THE North LINE AND 990 FEET FROM THE West LINE OF SEC. 10 TWP. 9S RGE. 37E NMPM		9. County Roosevelt	
10. Proposed Depth 8900'		11. Formation Devonian	
12. Rotary or C.T. Rotary		13. Elevation (Show whether DF, RT, etc.) 4055.1	
14. Kind & Status Plug. Bond Active		15. Approx. Date Work will start October 22, 1974	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13-3/8"	48	340'	350	Circulate
11"	8-5/8"	24 & 32	3800'	400	2800'
7/8"	4-1/2"	10.5 & 11.6	8900'	250	7900'

Cement must tie back
over San Andres

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 12-26-74

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jack R. McGraw Title Drilling & Prod. Manager Date September 24, 1974

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE SEP 26 1974

CONDITIONS OF APPROVAL, IF ANY

RECEIVED

MAY 22 1985

U.S. DEPT. OF JUSTICE
HOBBS OFFICE

NEW 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

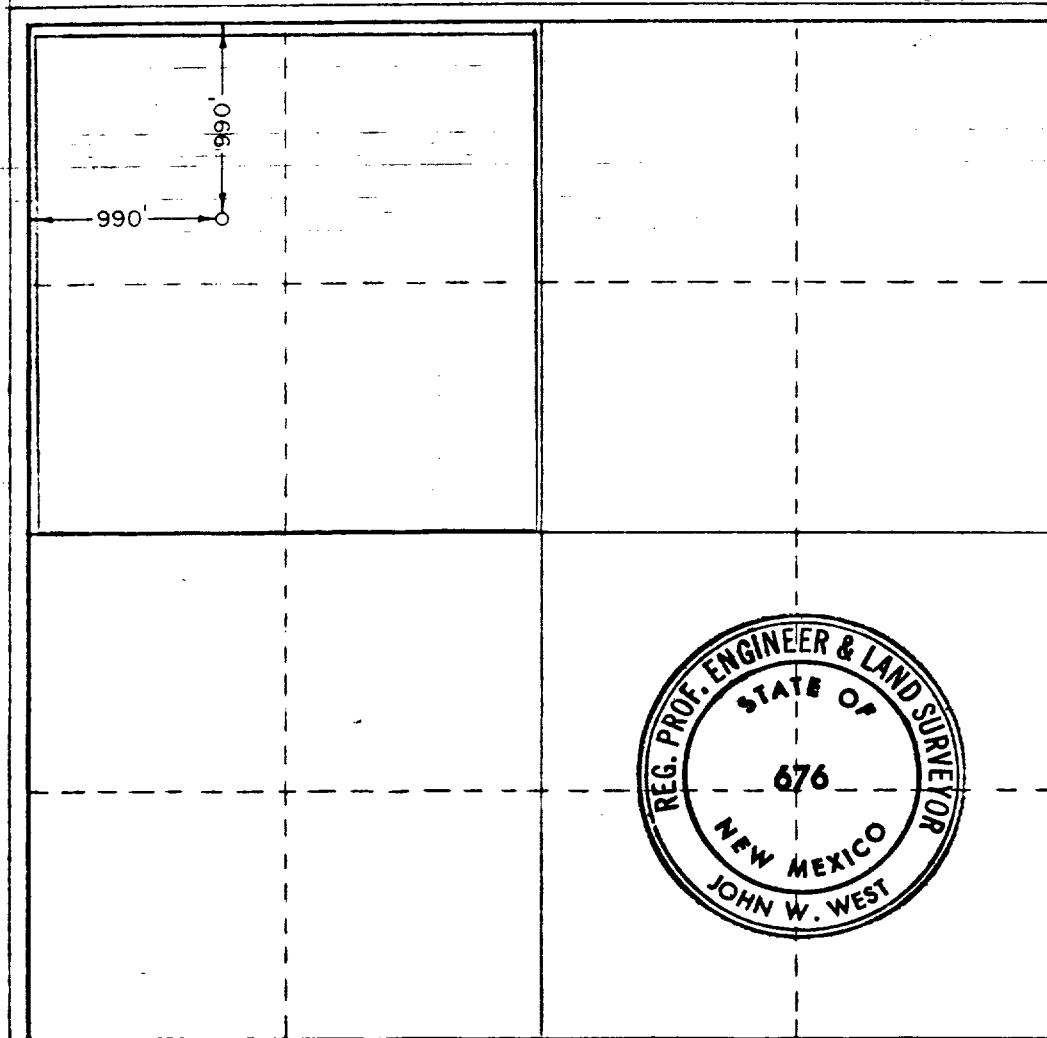
Operator H. L. Brown, Jr.			Lease W. L. Perkins			Well No. 1		
Unit Letter D	Section 10	Township 8 South	Range 37 East	County Roosevelt				
Actual Footage Location of Well: 990 feet from the North line and 990 feet from the West line								
Ground Level Elev. 4055.1	Producing Formation Wolfcamp		Pool Bluff (Wolfcamp)	Gas			Dedicated Acreage: 320 160 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.) _____

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CERTIFICATION

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

Jack McGraw

Name

Drig. & Prod. Manager

Position

H. L. Brown, Jr.

Company

September 24, 1974

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

September 19, 1974

Registered Professional Engineer and/or Land Surveyor

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

RECEIVED

MAY 23 1985

CCC
HOLDS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN PLATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM 021097 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluff Wolfcamp Gas

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

Section 33, T 7 S, R 37 E

12. COUNTY OR
PARISH

Roosevelt

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

H. L. Brown, Jr.

3. ADDRESS OF OPERATOR

309 Midland Tower, Midland, Texas 79701

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

At surface 1980' FSL & 1980' FWL Section 33, T 7 S, R 37 E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-26-59	9-22-59	10-4-59	4049.1' GL	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8762'	8010'		→	0-TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7964' - 7996'

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Run in 1959

Micro Laterolog, Laterolog, Gamma Ray-Collar Perf. Gamma Ray-Neutron

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	339'		350 sxs Regular	None
8-5/8"	24# and 32#	3992'	11"	200 sxs Neat	None
5-1/2"	17#	8150'	7-7/8"	150 sxs Regular Neat	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET. (MD)
					2-3/8"	7971'	7748'

31. PERFORATION RECORD (Interval, size and number)

(1959) 8022-8042', 8094-8100', 8114-8124'
with 2 holes per foot
(1969) 7964-7974', 7978-7997' with 2 shots
per foot.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8152-8252 (1959)	1000 gals mud acid
7964-7996 (1969)	3000 gals 3% acid and 7500 gals 20% NE acid.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-4-59		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-8-69	See attached form C-122						
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Form C-122

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Sandra Scheller

Production Clerk

DATE

January 16, 1970

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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.

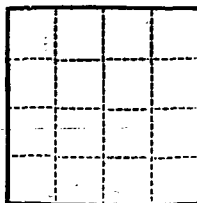
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Stacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Shale, sandy sh	0	1980		Anhydrite	1980	
hydrite	1980	2100		Salt	2100	
it & anhydrite	2100	2495		Base Salt	2450	
stringers	2495	2600		Yates	2510	
nds & anhydrite	2600	3640		San Andres	3640	
it, Anhydrite &	3640	4000		Glorietta	4976	
Red Shale				Abo	6975	
clomite & anhydrite				Wolfcamp	7955	
rey sands & red				Cisco	8512	
Shale	4980	5550		Granite	8696	
clomite	4000	4980				
clomite	5550	6230				
3d shale, grey sand	6230	6410				
clomite	6410	6980				
3d shale	6980	7030				
clomite and red						
shale	7030	7950				
clomite	7950	8180				
3d Shale w/ limestone	8180	8350				
limestone,	8350	8695				
ed granite	8695	8762				



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-E358.4
Approval expires 12-31-60.

Land Office **New Mexico**
Lease No. **NM 021897-1**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 1, 1959

Well No. **1** is located **1980** ft. from **N** line and **1980** ft. from **E** line of sec.
(SW/4) Sec. 33 **7 South** **37 East** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Roosevelt** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4040.1** ft. **Ground Level 4049.1**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

OBJECTIVE SANDS:

1. San Andres - 3650'
2. Pennsylvanian - 8100'
3. Devonian - 8700'

MUD PROGRAM

Clear water to 7500'
Salt Gel Mud to Td

CASING PROGRAM - PROPOSED CEMENT

1. 350' - 13-3/8" 40# H-40 - Cement to surface
2. 4000' - 8-5/8" (2300' 24# J-55) - 360 SX
(1700' 32# J-55)

PROPOSED DEPTH

9200'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **H. L. Brown, Jr. & Clem E. George**

Address **507 Midland Savings & Loan Bldg.**

Midland, Texas

By **H. L. Brown, Jr.**

Title **Partner**

ILLEGIBLE

RECEIVED

MAY 22 1985

C.C.D.
HOBBS CENTER

WELL LOCATION AND ACREAGE DEDICATION PLAT

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

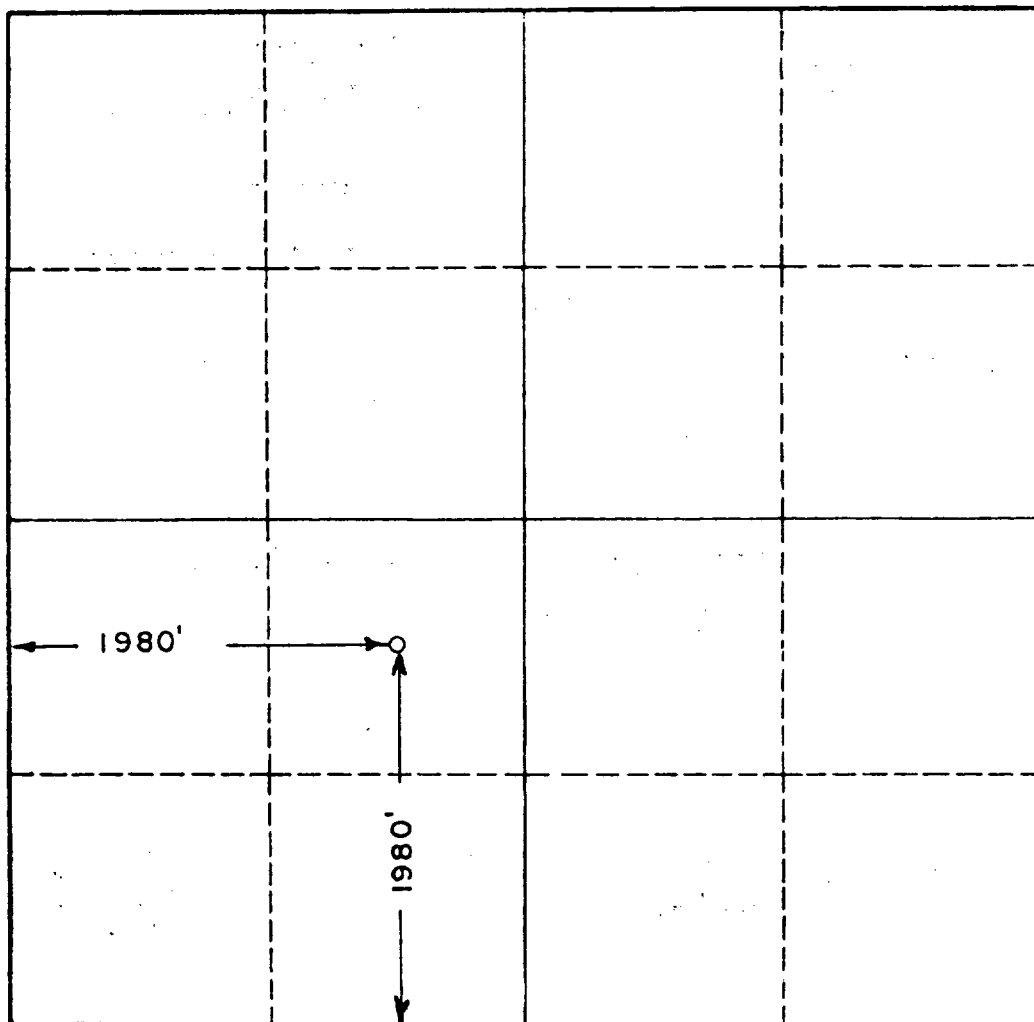
SECTION A

Operator H. L. Brown, Jr. & Clem E. George			Lease Federal		Well No. 1
Unit Letter K	Section 33	Township 7 South	Range 37 East	County Roosevelt	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line					
Ground Level Elev. 4049.1	Producing Formation		Pool Wildcat		Dedicated Acreage: 320 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO **X**. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO **X**. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner **Felmont Oil Corporation**Land Description
NW/4 and SE/4 Sec 33**T. 7S R 37 E Roosevelt Co., N. M.**

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name **H. L. Brown, Jr.**Position **Partner**Company **H. L. Brown, Jr. & Clem E. George**Date **July 7, 1959**

I hereby certify that the well location shown on the plat in SECTION B 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

6-24-1959Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**

Certificate No.

N. M. - P. E. & L. S. NO. 678

APPROVED
Subject Low

MAR 24 1961

Form 9-551a
(Feb. 1961)

E. W. STANDLEY
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 43-RM-4
Approval expires 12-31-60.

Land Office New Mexico

Lease No. NM-0474

Unit P

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		

* Sufficient cement on the casing to return above the base of the salt section.

March 20, 1961

Well No. #1 is located 990 ft. from [S] line and 990 ft. from [E] line of sec. 33

SE/4 of Section 33
(1/4 Sec. and 1/4 Sec. No.)

7 South
(Twp.)

37 East
(Range)

NMPM
(Meridian)

Bluitt-Wolfcamp-Gas
(Field)

Roosevelt
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is ft. Ground Level: 4044.3

DETAILS OF WORK

(State names of and expected depths to objective sands; show class, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work.)

Objective Sands:

1. San Andres - 3650'
2. Pennsylvanian - 8100'
3. Devonian - 8700'

Casing Program - Proposed Cement

1. 350' - 13-3/8" 48# H-40 - Cement to surface
2. 4000' - 8-5/8" (2300' 24# J-55)
300' sxs (1700' #32 - J-55)

Mud Program

Clear water to 7500'

Salt Gel Mud to Total Depth

Proposed Depth

9000'

Conditions

1. Production string of 5-1/2" or 4-1/2" CSG will be set to or through any productive formations below 4000'.
2. Cementing program for production string to be approved by USGS prior to running.

I understand that this plan of work must receive approval by writing by the Geological Survey before operations may be commenced to running.

Company H. L. Brown, Jr. and Clem E. George

Address 507 Midland Savings & Loan Bldg.

Midland, Texas

By H. L. Brown, Jr.

Title Partner

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MAY 23 1985

HOBBS COUNTY

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

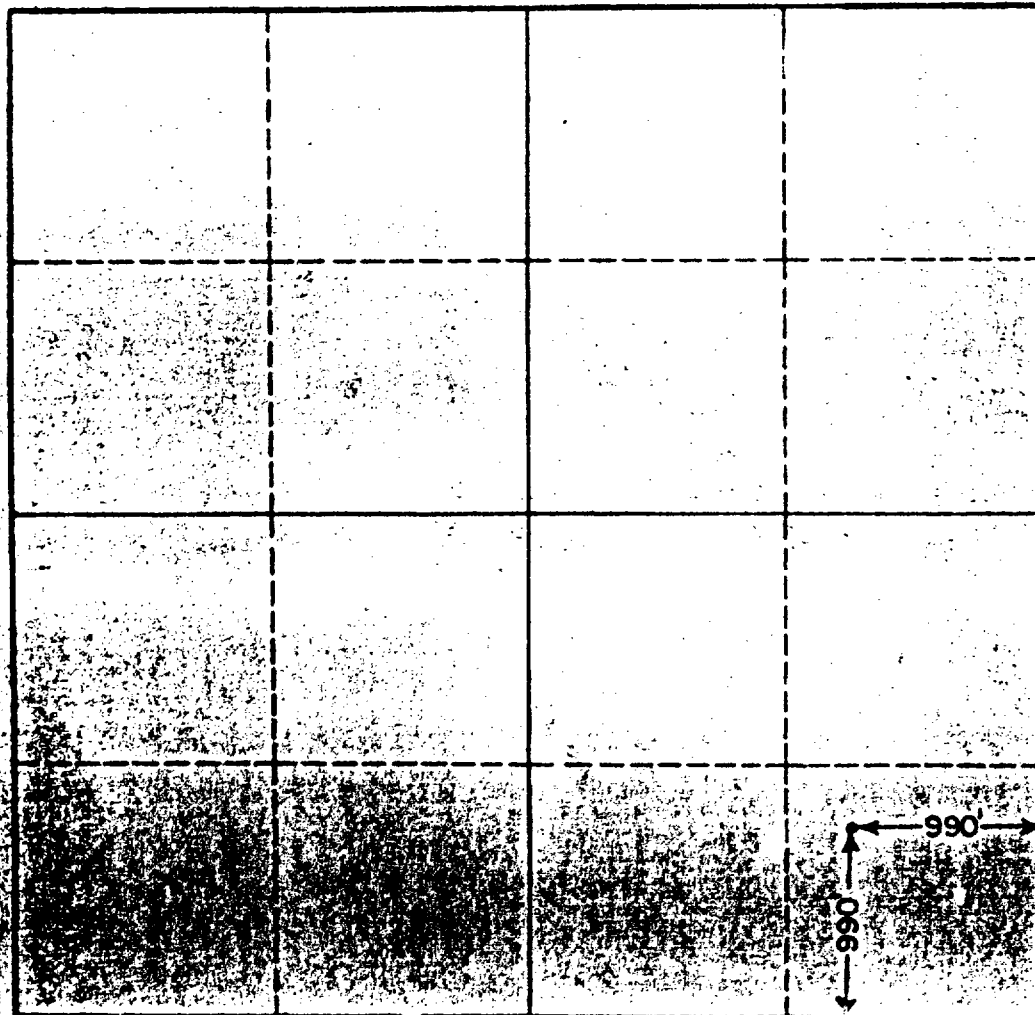
SECTION A

Operator H. L. Brown & Clem E. George			Lease Federal "A"		Well No. 1
Unit Letter P	Section 33	Township 7 South	Range 37 East	County Roosevelt	
Actual Footage Location of Well: 990 feet from the East line and 990 feet from the South line					
Ground Level Elev. 4044.3	Producing Formation Walcamp		Pool Bluff-Cas	Dedicated Acreage Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO ☒ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☒ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Name **H. L. Brown Jr.**
 Position **Partner**
 Company **H. L. Brown Jr. & Clem E. George**
 Date **March 29, 1961**

I hereby certify that the information shown on the plat in SECTION B was plotted from field notes of actual surveys made by me or under my supervision, and that the same are true and correct to the best of my knowledge and belief.



Date Surveyed **2-28-61**
 Registered Professional Engineer and/or Land Surveyor, **JOHN W. WEST**
 Certificate No. **N.M. - P.E. & L.S. NO. 676**

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE