

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

1a. TYPE OF WORK
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
BTA Oil Producers

3. ADDRESS OF OPERATOR
104 South Pecos, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **660' FWL, & 643' FWL, Sec. 6, T-9-S, R-36-E**
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
NM 0443634-B 509-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Walker - 686-Ltd.

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Undesignated - Penn

11. SEC. T., E., N., OR BLK. AND SURVEY OR AREA
Sec. 6, T-9-S, R-36-E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
2 1/2 miles NE of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED LOCATION*
NEAREST WELL, DRILLING COMPLETED, APPLIED FOR, ON THIS LEASE, FT.
643'

16. NO. OF ACRES IN LEASE
277

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. PROPOSED DEPTH
10,235

19. ROTARY OR CABLE TOOLS
Rotary

20. APPROX. DATE WORK WILL START*
8-26-68

SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
1 3/8"	54.5#	380'	350 ex.
9 5/8"	40#	4490'	2600 ex.
7"	26#	10235'	1451 ex.

21. PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*

1. This well was originally drilled in 6-50 by Mobil Oil Corp. as the Federal "H" #1, final plugging was completed in Feb., 1954. It is to re-enter, drill out cement plugs, tie onto 7" OD casing at 1018' and complete in Rough "C" Formation.

2. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone and measured and true vertical depths. Give blowout directionally, give pertinent data on subsurface locations and measured and true vertical depths.

APPROVED
AUG 27 1968
A. R. BROWN
DISTRICT ENGINEER

DATE August 15, 1968

TITLE Production Supt.

*See Instructions On Reverse Side

Consult local
all types of lands and leases for appropriate notations. Consult
necessary special instructions concerning the use of this form
by either appropriate action by either
of this form
may
by, or may
Consult
below or will be issued by. Consult
appropriate notations. Consult local
with appropriate requirements. Consult local
Federal requirements.
use this form with appropriate requirements.
with Federal requirements.
on this reverse side, show
agency offices.
State agency offices.
production zone.
Federal
activity
Ad.

[illegible]

- Item 22: Conc

Form 9-331 C
(May 1963)

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

~~DRILL~~ ☒ **Re-entry** ☐ DEEPEN ☐ ☐ PLUG BACK

b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐

SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

BTA Oil Producers

3. ADDRESS OF OPERATOR

104 South Pecos, Midland, Texas 79701

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

At surface 660' FSL, & 643' FSL, Sec. 6, T-9-S, R-36-E

At proposed prod. zone

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

2 1/2 Miles NE of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

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

643'

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

5280'

16. NO. OF ACRES IN LEASE

277

19. PROPOSED DEPTH

10,235

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4120 G. L.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Unkn.	1 3/8"	54.5#	380'	350 ex.
Unkn.	9 5/8"	40#	4490'	2600 ex.
Unkn.	7"	26#	10235'	1451 ex.

This well was originally drilled in 6-50 by Mobil Oil Corp. as the Walker Federal "H" #1, final plugging was completed in Feb., 1954.

We propose to re-enter, drill out cement plugs, tie onto 7" OD casing @ approximately 1018' and complete in Bough "C" Formation.

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

TITLE **Production Supt.**

DATE **August 15, 1968**

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AUG 27 1968

DATE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either Federal 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 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult local State or Federal regulations concerning subsequent work proposals or reports on the well.

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 Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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.

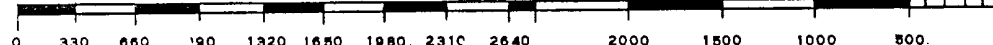
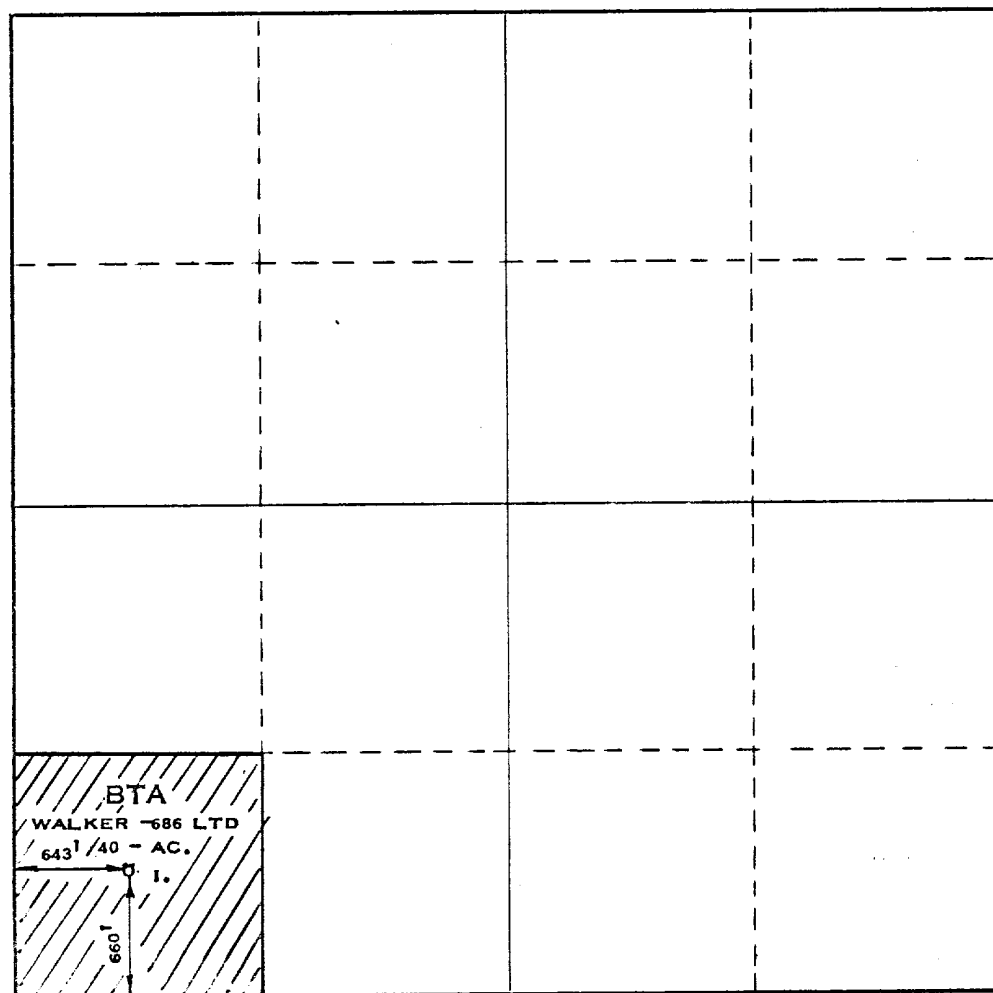
Operator BTA OIL PRODUCERS		Lease WALKER 686 LTD		Well No. 1
Unit Letter " M "	Section 6	Township -9-S	Range - 36- E	County LEA
Actual Footage Location of Well: 660 feet from the SOUTH line and 643 feet from the WEST line				
Ground Level Elev. 4120	Producing Formation PENNSYLVANIAN	Pool UNDESIGNATED	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



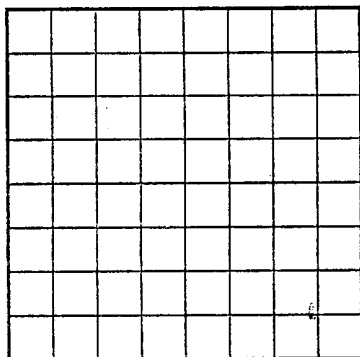
CERTIFICATION

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

Name _____
Position **Production Superintendent**
Company **BTA Oil Producers**
Date **August 15, 1968**

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 **AUGUST 15, 1968**
Registered Professional Engineer and/or Land Surveyor
MAX A SCHUMANN 1510
Certificate No. **1510**



LOCATE WELL CORRECTLY

 U. S. LAND OFFICE _____
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT _____

 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

 Company Magnolia Petroleum Co. Address Box 633 - Midland, Texas
 Lessor or Tract Walker-Federal "W" Field Midland State New Mexico
 Well No. 1 Sec. 6 T. 9S R. 36E Meridian N.M. County Lea
 Location 660 ft. [N.] of S. Line and 643 ft. [E.] of M. Line of Sec. 6 Elevation 4000'
 (Derrick floor relative to sea level)

 The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

 Signed R. J. Berman
 Title Division Superintendent
Date June 30, 1950

The summary on this page is for the condition of the well at above date.

Commenced drilling February 15, 1950 Finished drilling June 1, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

 No. 1, from Dry Hole to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

 No. 1, from None to _____ No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	54.5	3.0	8-55	10235'					
9-5/8"	40	3.0	8-55	1450'					
7"	26	3.0	8-55	10235'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	200'	350 sacks	Circulated		
9-5/8"	1450'	2500 sacks			
7"	10235'	1851 sacks (see Shooting Record)			

PLUGS AND ADAPTERS

 Heaving plug—Material None Length _____ Depth _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

FOLD MARK

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. If gas well, cu. ft. per 24 hours _____ Rock pressure, lbs. per sq. in. _____	Put to producing _____, 19____ Gravity, °Bé. _____ Gallons gasoline per 1,000 cu. ft. of gas _____
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EMPLOYEES

J. P. Mensley	Driller	J. T. Caster	Driller
T. E. Mills	Driller	J. M. Parker	Driller

FORMATION RECORD

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	121	121	Surface sand & Caliche
121	292	171	Caliche & sand bed
292	380	88	Red bed - Set 13-3/8" Surf. Csg. @ 380' w/350 Sacks Circulated
380	875	495	Red bed & shale
875	1945	1070	Red bed
1945	2207	262	Red bed & shells
2207	2340	33	Anhydrite
2340	2517	177	Lime, shells, red bed & salt.
2517	2705	188	Salt & shells
2705	2910	205	Salt, shells, lime & sand
2910	2945	35	Salt & shells
2945	3073	128	Sand & shale
3073	3382	9	Shale, anhydrite & shells
3382	4391	1009	Lime & shale
4391	4490	99	lime
4490	4865	625	Set 9-5/8" Csg. @ 4490' w/2600 Sacks.
4865	7309	2444	lime
7309	8168	859	lime & shale
8168	8272	104	shale & gyp.
8272	8817	545	shale & lime
8817	8842	25	lime, gyp
8842	8869	27	lime & shale
8869	8906	37	lime & gyp
8906	9060	154	

16-43094-2

Company _____ Address _____

ГОСУДЕ МЕТ СОВБЕСІЛА

[illegible]

FOC OF OF OF GVS MEET

ГЕОГРЕИСУГ ЗУВЛЕА

DEPARTMENT OF THE INTERIOR

UNITED STATES

REVERSE OR RETURN TO ADDRESSEE -----
SERIAL NUMBER -----
U. S. FUND OFFICE -----