

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

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

P. O. Box 2237, Midland, TX 79702

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

At surface 1650' FNL & 660' FWL

At top prod. interval reported below 1650' FNL & 660' FWL

At total depth 1650' FNL & 660' FWL

14. PERMIT NO.
NSL-2376DATE ISSUED
8-12-875. LEASE DESIGNATION AND SERIAL NO.
NM 54449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "27" Com

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Wildcat (Undesignated) *Dev.*

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

Sec 27, T-7S, R-37E

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

15. DATE SPUDDED 8-3-87 16. DATE T.D. REACHED 8-28-87 17. DATE COMPL. (Ready to prod.) 9-17-87 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 4058.1 GL

20. TOTAL DEPTH, MD & TVD 9089' 21. PLUG, BACK T.D., MD & TVD 8968' 22. IF MULTIPLE COMPL., HOW MANY? NA 23. INTERVALS OR SPACING TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 8845-8892', Wildcat (Undesignated)

26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT, PULLED
13-3/8"	61#	517'	17-1/2"	530 sx HOWCO Prem.
8-5/8"	32#	3875'	12-1/4"	1600 sx "C" Lite
4-1/2"	11.6#	9088'	7-7/8"	450 sx HOWCO Lite

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8685'	8685'

31. PERFORATION RECORD (Interval, size and number)

Perforated Siluro-Devonian @ 8845'-8892' (18--1-11/16" holes; 8845', 48', 49', 64', 65', 67', 68', 73', 74', 75', 78', 79', 85', 86', 89', 90', 91', 92'.)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8845-8892'	500 gals 15% NEFE
8845-8892'	250 gals Xylene 750 gals
	15% double NE-FE acid

33. PRODUCTION

DATE FIRST PRODUCTION 9-18-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

DATE OF TEST 9-26-87 HOURS TESTED 4 CHOKE SIZE 20/64" PROD'N. FOR TEST PERIOD 33.6 OIL—BBL. 91 GAS—MCF. 2696

FLOW, TUBING PRESS. 420 CASING PRESSURE -0- CALCULATED 24-HOUR RATE 202 OIL—BBL. 544 GAS—MCF. -0- WATER—BBL. 45

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Temporarily vented, but will be sold to Transwestern

35. LIST OF ATTACHMENTS Revised C-102, certified inclination report

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

SIGNED

C. Brown E. Rosas

TITLE

Production Clerk

*(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.), formations 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. 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.		Casing Record (Depth in feet)		Well Completion or Keyhole		Geologic Markers		Department of the Interior	
Interval	Thickness	Top	Bottom	Top	Bottom	Interval	Contents	Interval	Pressure	Interval	Pressure	Interval	Pressure	Interval	Pressure
1-15'	15'	15'	0'	15'	0'	1-15'	15'	15'	0'	15'	0'	15'	0'	15'	0'
15-17'	2'	17'	15'	17'	15'	15-17'	2'	17'	15'	17'	15'	17'	15'	17'	15'
17-18'	1'	18'	17'	18'	17'	17-18'	1'	18'	17'	18'	17'	18'	17'	18'	17'
18-19'	1'	19'	18'	19'	18'	18-19'	1'	19'	18'	19'	18'	19'	18'	19'	18'
19-20'	1'	20'	19'	20'	19'	19-20'	1'	20'	19'	20'	19'	20'	19'	20'	19'
20-21'	1'	21'	20'	21'	20'	20-21'	1'	21'	20'	21'	20'	21'	20'	21'	20'
21-22'	1'	22'	21'	22'	21'	21-22'	1'	22'	21'	22'	21'	22'	21'	22'	21'
22-23'	1'	23'	22'	23'	22'	22-23'	1'	23'	22'	23'	22'	23'	22'	23'	22'
23-24'	1'	24'	23'	24'	23'	23-24'	1'	24'	23'	24'	23'	24'	23'	24'	23'
24-25'	1'	25'	24'	25'	24'	24-25'	1'	25'	24'	25'	24'	25'	24'	25'	24'
25-26'	1'	26'	25'	26'	25'	25-26'	1'	26'	25'	26'	25'	26'	25'	26'	25'
26-27'	1'	27'	26'	27'	26'	26-27'	1'	27'	26'	27'	26'	27'	26'	27'	26'
27-28'	1'	28'	27'	28'	27'	27-28'	1'	28'	27'	28'	27'	28'	27'	28'	27'
28-29'	1'	29'	28'	29'	28'	28-29'	1'	29'	28'	29'	28'	29'	28'	29'	28'
29-30'	1'	30'	29'	30'	29'	29-30'	1'	30'	29'	30'	29'	30'	29'	30'	29'
30-31'	1'	31'	30'	31'	30'	30-31'	1'	31'	30'	31'	30'	31'	30'	31'	30'
31-32'	1'	32'	31'	32'	31'	31-32'	1'	32'	31'	32'	31'	32'	31'	32'	31'
32-33'	1'	33'	32'	33'	32'	32-33'	1'	33'	32'	33'	32'	33'	32'	33'	32'
33-34'	1'	34'	33'	34'	33'	33-34'	1'	34'	33'	34'	33'	34'	33'	34'	33'
34-35'	1'	35'	34'	35'	34'	34-35'	1'	35'	34'	35'	34'	35'	34'	35'	34'
35-36'	1'	36'	35'	36'	35'	35-36'	1'	36'	35'	36'	35'	36'	35'	36'	35'
36-37'	1'	37'	36'	37'	36'	36-37'	1'	37'	36'	37'	36'	37'	36'	37'	36'
37-38'	1'	38'	37'	38'	37'	37-38'	1'	38'	37'	38'	37'	38'	37'	38'	37'
38-39'	1'	39'	38'	39'	38'	38-39'	1'	39'	38'	39'	38'	39'	38'	39'	38'
39-40'	1'	40'	39'	40'	39'	39-40'	1'	40'	39'	40'	39'	40'	39'	40'	39'
40-41'	1'	41'	40'	41'	40'	40-41'	1'	41'	40'	41'	40'	41'	40'	41'	40'
41-42'	1'	42'	41'	42'	41'	41-42'	1'	42'	41'	42'	41'	42'	41'	42'	41'
42-43'	1'	43'	42'	43'	42'	42-43'	1'	43'	42'	43'	42'	43'	42'	43'	42'
43-44'	1'	44'	43'	44'	43'	43-44'	1'	44'	43'	44'	43'	44'	43'	44'	43'
44-45'	1'	45'	44'	45'	44'	44-45'	1'	45'	44'	45'	44'	45'	44'	45'	44'
45-46'	1'	46'	45'	46'	45'	45-46'	1'	46'	45'	46'	45'	46'	45'	46'	45'
46-47'	1'	47'	46'	47'	46'	46-47'	1'	47'	46'	47'	46'	47'	46'	47'	46'
47-48'	1'	48'	47'	48'	47'	47-48'	1'	48'	47'	48'	47'	48'	47'	48'	47'
48-49'	1'	49'	48'	49'	48'	48-49'	1'	49'	48'	49'	48'	49'	48'	49'	48'
49-50'	1'	50'	49'	50'	49'	49-50'	1'	50'	49'	50'	49'	50'	49'	50'	49'
50-51'	1'	51'	50'	51'	50'	50-51'	1'	51'	50'	51'	50'	51'	50'	51'	50'
51-52'	1'	52'	51'	52'	51'	51-52'	1'	52'	51'	52'	51'	52'	51'	52'	51'
52-53'	1'	53'	52'	53'	52'	52-53'	1'	53'	52'	53'	52'	53'	52'	53'	52'
53-54'	1'	54'	53'	54'	53'	53-54'	1'	54'	53'	54'	53'	54'	53'	54'	53'
54-55'	1'	55'	54'	55'	54'	54-55'	1'	55'	54'	55'	54'	55'	54'	55'	54'
55-56'	1'	56'	55'	56'	55'	55-56'	1'	56'	55'	56'	55'	56'	55'	56'	55'
56-57'	1'	57'	56'	57'	56'	56-57'	1'	57'	56'	57'	56'	57'	56'	57'	56'
57-58'	1'	58'	57'	58'	57'	57-58'	1'	58'	57'	58'	57'	58'	57'	58'	57'
58-59'	1'	59'	58'	59'	58'	58-59'	1'	59'	58'	59'	58'	59'	58'	59'	58'
59-60'	1'	60'	59'	60'	59'	59-60'	1'	60'	59'	60'	59'	60'	59'	60'	59'
60-61'	1'	61'	60'	61'	60'	60-61'	1'	61'	60'	61'	60'	61'	60'	61'	60'
61-62'	1'	62'	61'	62'	61'	61-62'	1'	62'	61'	62'	61'	62'	61'	62'	61'
62-63'	1'	63'	62'	63'	62'	62-63'	1'	63'	62'	63'	62'	63'	62'	63'	62'
63-64'	1'	64'	63'	64'	63'	63-64'	1'	64'	63'	64'	63'	64'	63'	64'	63'
64-65'	1'	65'	64'	65'	64'	64-65'	1'	65'	64'	65'	64'	65'	64'	65'	64'
65-66'	1'	66'	65'	66'	65'	65-66'	1'	66'	65'	66'	65'	66'	65'	66'	65'
66-67'	1'	67'	66'	67'	66'	66-67'	1'	67'	66'	67'	66'	67'	66'	67'	66'
67-68'	1'	68'	67'	68'	67'	67-68'	1'	68'	67'	68'	67'	68'	67'	68'	67'
68-69'	1'	69'	68'	69'	68'	68-69'	1'	69'	68'	69'	68'	69'	68'	69'	68'
69-70'	1'	70'	69'	70'	69'	69-70'	1'	70'	69'	70'	69'	70'	69'	70'	69'
70-71'	1'	71'	70'	71'	70'	70-71'	1'	71'	70'	71'	70'	71'	70'	71'	70'
71-72'	1'	72'	71'	72'	71'	71-72'	1'	72'	71'	72'	71'	72'	71'	72'	71'
72-73'	1'	73'	72'	73'	72'	72-73'	1'	73'	72'	73'	72'	73'	72'	73'	72'
73-74'	1'	74'	73'	74'	73'	73-74'	1'	74'	73'	74'	73'	74'	73'	74'	73'
74-75'	1'	75'	74'	75'	74'	74-75'	1'	75'	74'	75'	74'	75'	74'	75'	74'
75-76'	1'	76'	75'	76'	75'	75-76'	1'	76'	75'	76'	75'	76'	75'	76'	75'
76-77'	1'	77'	76'	77'	76'	76-77'	1'	77'	76'	77'	76'	77'	76'	77'	76'
77-78'	1'	78'	77'	78'	77'	77-78'	1'	78'	77'	78'	77'	78'	77'	78'	77'
78-79'	1'	79'	78'	79'	78'	78-79'	1'	79'	78'	79'	78'	79'	78'	79'	78'
79-80'	1'	80'	79'	80'	79'	79-80'	1'	80'	79'	80'	79'	80'	79'	80'	79'
80-81'	1'	81'	80'	81'	80'	80-81'	1'	81'	80'	81'	80'	81'	80'	81'	80'
81-82'	1'	82'	81'	82'	81'	81-82'	1'	82'	81'	82'	81'	82'	81'	82'	81'
82-83'	1'	83'	82'	83'	82'	82-83'	1'	83'	82'	83'	82'	83'	82'	83'	82'
83-84'	1'	84'	83'	84'	83'	83-84'	1'	84'	83'	84'	83'	84'	83'	84'	83'
84-85'	1'	85'	84'	85'	84'	84-85'	1'	85'	84'	85'	84'	85'	84'	85'	84'
85-86'	1'	86'	85'	86'	85'	85-86'	1'	86'	85'	86'	85'	86'	85'	86'	85'
86-87'	1'	87'	86'	87'	86'	86-87'	1'	87'	86'	87'	86'	87'	86'	87'	86'
87-88'	1'	88'	87'	88'	87'	87-88'	1'	88'	87'	88'	87'	88'	87'	88'	87'
88-89'	1'	89'	88'	89'	88'	88-89'	1'	89'	88'	89'	88'	89'	88'	89'	88'
89-90'	1'	90'	89'	90'	89'	89-90'	1'	90'	89'	90'	89'	90'	89'	90'	89'
90-91'	1'	91'	90'	91'	90'	90-91'	1'	91'	90'	91'	90'	91'	90'	91'	90'
91-92'	1'	92'	91'	92'	91'	91-92'	1'	92'	91'	92'	91'	92'	91'	92'	91'
92-93'	1'	93'	92'	93'	92'	92-93'	1'	93'	92'	93'	92'	93'	92'	93'	92'
93-94'	1'	94'	93'	94'	93'	93-94'	1'	94'	93'	94'	93'	94'	93'	94'	93'
94-95'	1'	95'	94'	95'	94'	94-95'	1'	95'	94'	95'	94'	95'	94'	95'	94'
95-96'	1'	96'	95'	96'	95'	95-96'	1'	96'	95'	96'	95'	96'	95'	96'	95'
96-97'	1'	97'	96'	97'	96'	96-97'	1'	97'	96'	97'	96'	97'	96'	97'	96'
97-98'	1'	98'	97'												

OIL CONSERVATION DIVISION

Form C-104
Revised 10-1-79

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
N.M.S.	
LAND OFFICE	
TRANSPORTER	OIL
	NATURAL GAS
OPERATOR	
REGISTRATION OFFICE	

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GASOperator
H. L. Brown, Jr.Address
P. O. Box 2237, Midland, TX 79702

Reason(s) for filing (Check proper box)

New Well	☒	Change in Transporter of:	
Accomplishment	☐	Oil	☐
Change in Ownership	☐	Gas	☐
		Condensate	☐

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal "27" Com	1	Wildcat (Undesignated)	State, Federal or Fee Federal	NM-54447

Location

Unit Letter E-8 : 1650 Feet From The North Line and 660' Feet From The WestLine of Section 27 Township 7S Range 37E , NMPM, Roosevelt County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Permian	Box 1183, Houston, TX 77251
Name of Authorized Transporter of Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
Transwestern Pipeline Company	P. O. Box 2521, Houston, TX 77252
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge.
	0 27 7S 37E
	No

If this production is commingled with that from any other lease or pool, give commingling order number: NA

COMPLETION DATA

Designate Type of Completion -- (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
	X							
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.D.T.D.					
8-3-87	9-17-87	9089'	8968'					
Elevations (DF, RLB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
4058.1 GL	Devonian	8845'	8894'					
Perforations			Depth Casing Shoe					
8845'-8892'			9088'					

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17-1/2"	13-3/8"	517'	530
12-1/4"	8-5/8"	3875'	1600
7-7/8"	4-1/2"	9088'	450

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

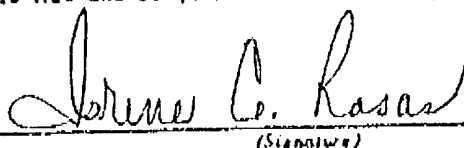
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
9-26-87	9-26-87	Flowing	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
4	420	-0-	20/64"
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
33.6 BO/91 MCF	202	-0-	544

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (piston, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.



Production Clerk

(Title)

10-2-87

OIL CONSERVATION DIVISION

OCT 15 1987

APPROVED _____, 19____

BY ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

TITLE _____

This form is to be filed in compliance with RULE 1101.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, or other such change of condition.

RECEIVED
OCT 8 1987
ECC
HOBBS OFFICE