

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator SHELL OIL COMPANY	8. Farm or Lease Name STATE SECTION 2
3. Address of Operator P. O. BOX 991, HOUSTON, TEXAS 77001	9. Well No. 5
4. Location of Well UNIT LETTER <u>KT</u> 1880 FEET FROM THE <u>SOUTH</u> LINE AND 560 FEET FROM THE <u>WEST</u> LINE, SECTION <u>2</u> TOWNSHIP <u>21-S</u> RANGE <u>37-E</u> NMPM.	10. Field and Pool, or Wildcat HARE-SIMPSON
11. Elevation (Show whether DF, RT, GR, etc.) 3483' DF	12. County LEA

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER _____		ABANDON ELLENBURGER: RECOMPLETE IN HARE-SIMPSON, ACIDIZE AND FRAC TREAT <input checked="" type="checkbox"/>	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5-25-82: Set cmt retainer @ 7800'. Ran CNL/CCL/GR log from TD to 5800'. Mixed and pumped 100 sx Class "H" cmt containing 3# of salt per sx plus 100 sx Class "A" cmt. Reversed out excess. Spotted 160 gals 15% NEA from 7760' to 7600'.

5-26-82: Perf'd 5 1/2" csg 7739' to 7759' (36 holes).

5-27-82: Acidized perfs 7739 to 7759' w/2500 gals NEA, 5400 gals gelled 2% KCl wtr pad, and 4500 gals gelled wtr frac containing 1 1/2#/gal 20-40 mesh sand.

5-28-82: Perforated 5 1/2" csg across McKee formation @ 7534' to 7655' (118 holes). Acidized perfs 7535' to 7655' w/3500 gals 15% NEA. Frac treated McKee perfs w/40,000 gals gelled 2% KCl wtr.

6-01-82: Installed production equipment.

6-13-82: Well complete.

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

SIGNED A. J. FORE TITLE SUPERVISOR REG. & PERMITTING DATE JUNE 25, 1982

ORIGINAL SIGNED BY
JERRY SEXTON

JUN 28 1982

APPROVED BY _____
DISTRICT 1 SUPR.
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

RECEIVED

JUN 28 1982

CHIEF
HOBBS OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ REC ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>				7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. Farm or Lease Name STATE SECTION 2	
2. Name of Operator SHELL OIL COMPANY				9. Well No. 5	
3. Address of Operator P. O. BOX 991, HOUSTON, TEXAS 77001				10. Field and Pool, or Wildcat HARE-SIMPSON	
4. Location of Well UNIT LETTER <u>KT</u> LOCATED <u>1880</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>560</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>2</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM				12. County LEA	
11. Elevations (Show whether DF, KT, etc.) 3483' DF, 3472' GL		21A. Kind & Status Plug. Bond BLANKET		19. Proposed Depth 7956' TD	
		21B. Drilling Contractor WORKOVER RIG		19A. Formation McKee	
				20. Rotary or C.T. -----	
				22. Approx. Date Work will start UPON APPROVAL	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	32.4#	224'	250 sx	SURFACE
11"	8 5/8"	32#	3142'	2000 sx	SURFACE
7 7/8"	5 1/2"	17#	7810'	500 sx	4550'

We propose to abandon the Ellenburger formation and recomplete this well in the McKee and Connell formations.

1. Set CIBP @ 7805' and cap w/35' cmt. Run CNL/CCL/GR logs.
2. Perforate 5 1/2" casing across Connell and McKee formations at depths contingent on log evaluation.
3. Acidize perforations w/4500 gals 15% HCl-NE acid. Fracture treat perforations w/57,900 gals crosslinked 2% KCl water + 141,750# 20-40 mesh sand + 1500 gals 15% HCl-NE acid.
4. Install production equipment and test.

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 A. J. FORE Title SUPERVISOR REG. & PERMITTING Date MAY 11, 1982

(This space for State Use)

APPROVED BY Oil & Gas Insp. TITLE Oil & Gas Insp. DATE MAY 11 1982

CONDITIONS OF A Oil & Gas Insp.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-82

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

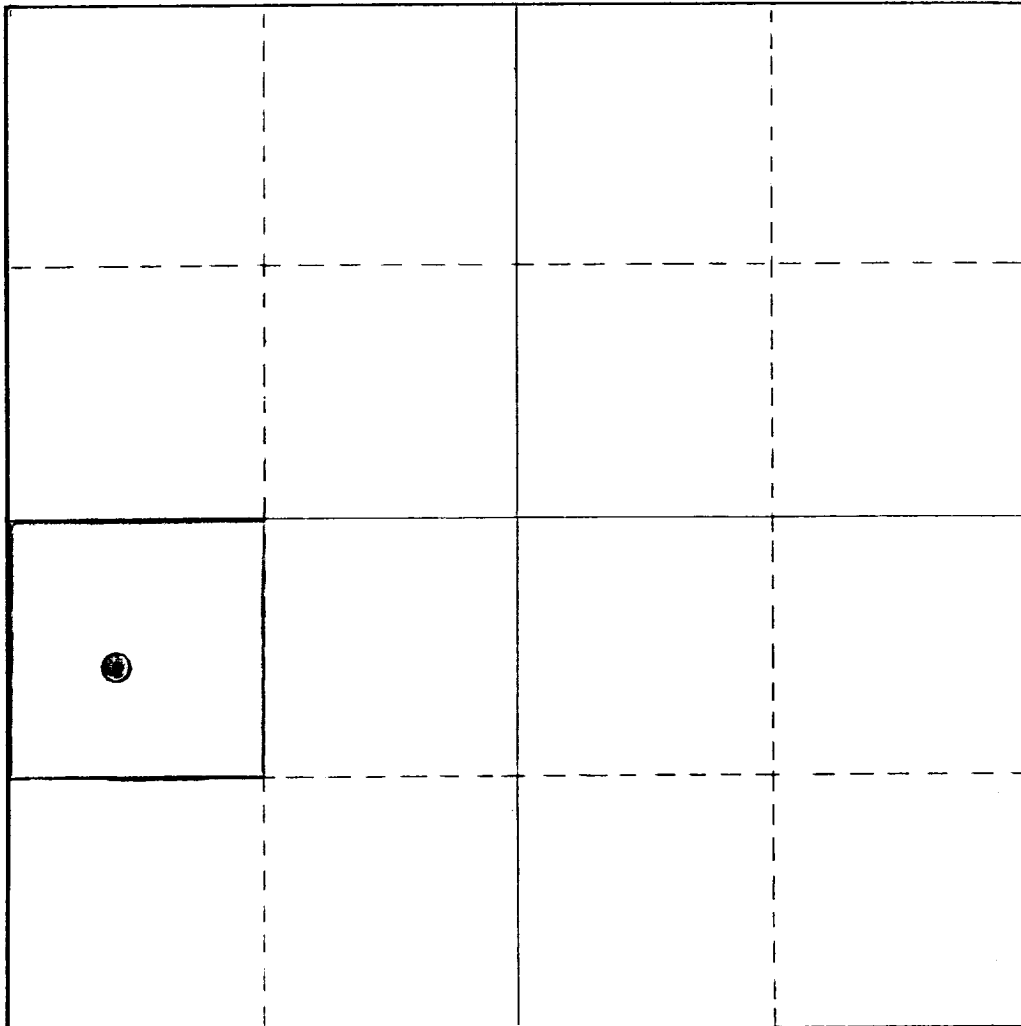
Operator SHELL OIL COMPANY			Lease STATE SECTION 2			Well No. 5		
Unit Letter KT	Section 2	Township 21-S	Range 37-E	County LEA				
Actual Footage Location of Well: 1880 feet from the SOUTH line and 560 feet from the WEST line								
Ground Level Elev. 3472'	Producing Formation McKEE		Pool HARE-SIMPSON			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
A. J. Fore **A. J. FORE**

Position **SUPERVISOR
REGULATORY & PERMITTING**

Company
SHELL OIL COMPANY

Date
MAY 11, 1982

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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

