

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address Fasken Oil and Ranch, Ltd. 303 West Wall, Suite 1800 Midland, TX 79701		² OGRID Number 151416
³ Property Code 32136		³ API Number 30 - 015-32696
⁵ Property Name Soapberry Draw "7" State		⁶ Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	7	21S	26E		2100	South	1980	West	Eddy

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

9 Proposed Pool 1

Undesignated Cat Claw Draw; Delaware, East

10 Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3271'
¹⁶ Multiple N	¹⁷ Proposed Depth 4100'	¹⁸ Formation Delaware	¹⁹ Contractor unknown	²⁰ Spud Date 4/12/03

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	400'	440 sx C	surface
12 1/4"	8 5/8"	24#	1900'	875 sx C	surface
7 7/8"	5 1/2"	15.5#	4100'	400 sx Super C	1700'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please see the attached procedure, casing program and BOP schematic.

NOTIFY OCD SPUD & TIME
TO WITNESS 8 5/8" CASING

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

Signature: *Jimmy D. Carlie*

Printed name: Jimmy D. Carlie

Title: Regulatory Affairs Coordinator

Date: 3/24/03

Phone: 915 687-1777

OIL CONSERVATION DIVISION

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by:

Title:

Approval Date: MAR 26 2003

Expiration Date: MAR 26 2004

Conditions of Approval:

Attached ☐

WOC 18 Hours

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 12350	Pool Name Undesignated Catclaw Draw; Delaware, East
Property Code	Property Name SOAPBERRY DRAW "7" STATE	Well Number 1
OGRID No. 151416	Operator Name FASKEN OIL & RANCH, LTD.	Elevation 3271'

Surface Location

UL or lot No. K	Section 7	Township 21 S	Range 26 E	Lot Idn	Feet from the 2100	North/South line SOUTH	Feet from the 1980	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Jimmy D. Carlile Printed Name Regulatory Affaris Coordinator Title 3/24/03 Date	
		SURVEYOR CERTIFICATION 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 belief. FEBRUARY 25, 2003 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 3041A Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

Recommended Procedure

Soapberry Draw 7 State No. 1 ----- A.F.E. No. 664 ----- Catclaw Draw (Delaware)
2100' FSL & 1980' FWL
Sec. 7, T21S, R26E
Eddy County, N.M.

1. MIRU rotary tools.
2. Drill 17-1/2" hole to 400' with spud mud. Set and cement 13-3/8" casing with 440 sx Class "C" cement with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 cuft/sx). WOC 12 hrs. NU BOP's.
3. Drill 12-1/4" hole to 1900' with fresh water. Control seepage with paper. Dry drill if complete loss of returns is experienced.
4. Set and cement 8-5/8" casing at 2275' with 675 sx Class "C" with 4% gel and 2% CaCl₂, (s.w. 13.51 ppg, yield 1.74 ft³/sx) plus 200 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 ft³/sx). NOTE: If lost circulation has occurred prior to running casing, add 200 sx Thixset cement for the lead slurry. Thixset cement blend: 200 sx Class "H" with 10% A-10B, 1% CaCl₂, 10 #/sx Gilsonite, and 1/4 #/sx Cello Flake (s.w. 14.6 ppg, yield 1.52 ft³/sx).
5. Set slips, cut-off casing, install secondary seal and NU 13-5/8" x 11" x 3000 psi intermediate spool. NU B.O.P.'s, hydril and choke manifold. WOC 12 hours.
6. Pressure test BOP stack to 1500 psi for 30 minutes with rig pump.
7. RU mud logger.
8. Drill 7-7/8" hole to total depth of 4,100' using 10.0 ppg brine water. Clean hole with polymer sweeps to improve cuttings removal.
9. Log well with DLL-MCFL, CNL-LDT, CMR, and ECS. Rotary core selected intervals as per log.
10. Set and cement 5-1/2" production casing (resin coated and centralized through pay zones) as follows; Estimate 400 sx Super "C" Modified (15 #/sx Poz A and 11 #/sx CSE), 1% Salt, 1.1% FL-25 (s.w. 14.2 ppg, yield 1.35 ft³/sx). Calculate cement volume for TOC at 1700'. **NOTE:** Wash up cement pump to the pit, do not leave cement on top of float collar. Displace cement with 3% Kcl water.
11. Set slips and cut-off casing. ND BOP stack, install secondary seal, NU 11" x 7-1/16" 3000 psi tubing head and flow tree. Run temperature survey and locate cement top.
12. Rig down and move out rotary tools.
13. Level location, set mast anchors, move in and rig up completion unit.
14. Complete well as per completion procedure.

JWD

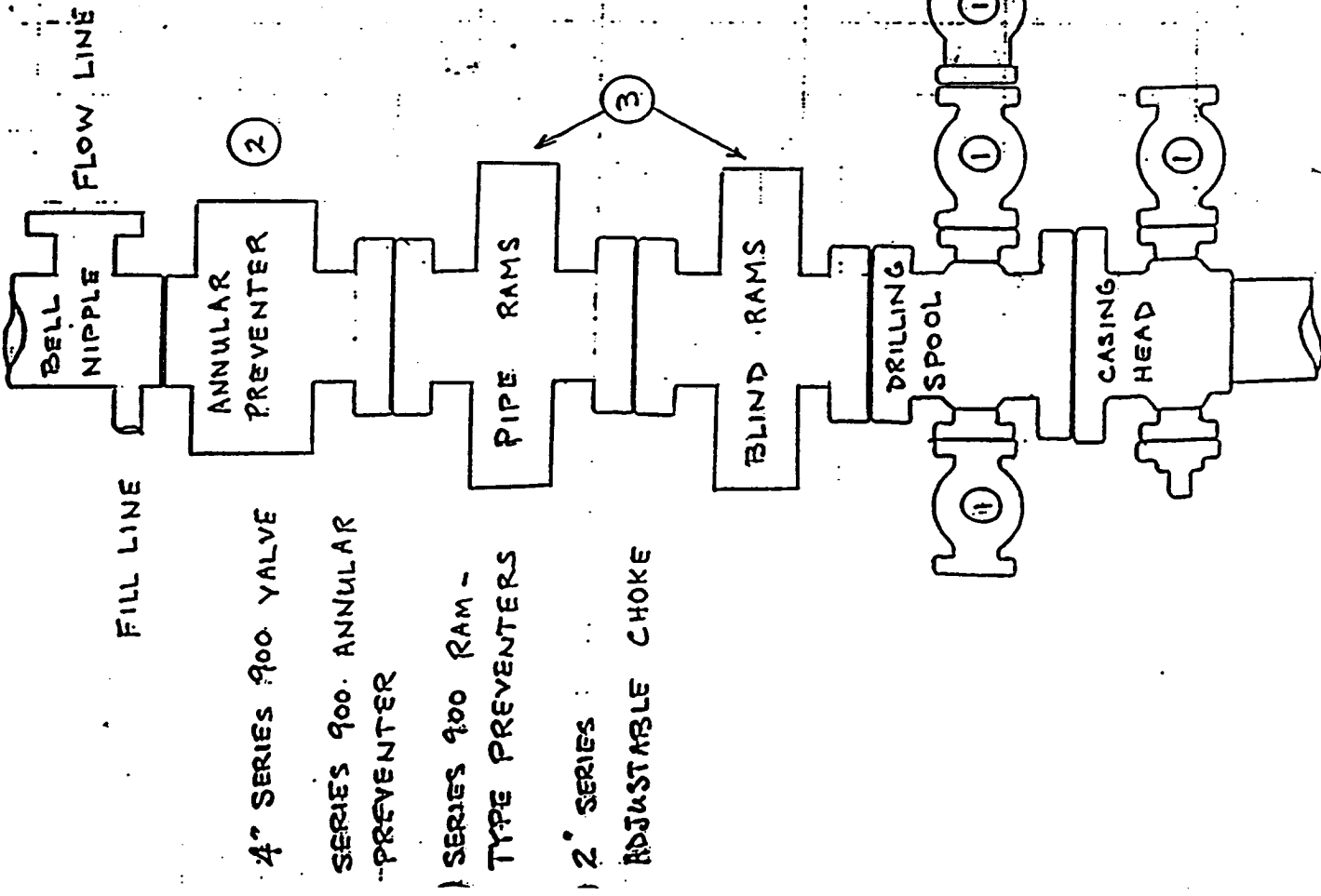
(Soapberry Draw 7 State No. 1 drlgproc)

Recommended Casing Program
A.F.E. No. 664

Fasken Oil and Ranch, Ltd. ————— Soapberry Draw 7 State No. 1 ————— Catclaw — Delaware
Eddy County, NM

<u>String</u>	<u>Footage</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>
Surface	400'	13-3/8"	48.00#	H-40	ST&C
Intermediate	1,900'	8-5/8"	24.00#	J-55	ST&C
Production	4,100'	5-1/2"	15.50#	K-55	ST&C
Tubing	4,000'	2-3/8"	4.70#	J-55	EUE 8rd

TET
(El Paso 15csg)



El Paso Federal No. 15
Fasken Oil and Ranch, Ltd.

Exhibit No. 5

