

District I
PO Box 1980, Hobbs, NM 88241-19
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Depart

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

219F
Bum
Submit to Appropriate District Office

Form C-101
Revised February 10, 1994
Instructions on back
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address: Hanson Operating Company, Inc. P.O. Box 1515 Roswell, NM 88202-1515		OGRID Number 009974
Property Code 25-114	Property Name Red Lake Ridge	API Number 30-0-05-114-2
		Well No. #1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	21	8S	29E		760	FNL	1660	FWL	Chaves

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 San Andres					Proposed Pool 2				

Work Type Code E	Well Type Code 2	Cable/Rotary Rotary	Lease Type Code Fee	Ground Level Elevation 3255
Multiple	Proposed Depth 1150	Formation San Andres	Contractor	Spud Date

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
	13 3/8		340	340	
	8 5/8	24#	2210	200	
	5 1/2	17#	8529	1245	circ.

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.

Proposed to re-enter P&A well above, perforate, acidize & test the lower San Andres. BOP will be used. If conditions warrant well will be placed on production.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Betsy Speer</i> Printed name: Betsy Speer Title: Prod. Analyst Date: 4-19-00 Phone: 505-622-7330		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT IV SUPERVISOR Approval Date: APR 26 2000 Expiration Date: APR 26 2001 Conditions of Approval: Attached ☐	
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District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
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Fee Lease - 3 Copies

RECEIVED
OCD - ARTESIA
1994 FEB 15 10 15 AM
1682
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-62042		Pool Code	Pool Name San Andres	
Property Code	Property Name Red Lake Ridge		Well Number #1	
OGRID No. 009974	Operator Name Hanson Operating Company, Inc.		Elevation 3958GR	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
	21	8S	29E		760	FNL	1660	FWL	Chaves

11 Bottom Hole Location If Different From Surface

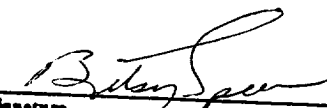
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill		Consolidation Code		Order No.			

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

16									

17 OPERATOR CERTIFICATION

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


Signature
Betsy Speer
Printed Name
Production Analyst
Title
4-20-00
Date

18 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.

Date of Survey
Signature and Seal of Professional Surveyor:
Certificate Number



SHAFFER TOOL WORKS

CONTROL GATES SHAFFER MECHANICAL CELLAR CONTROL GATES

(Patented)

PARTS FOR TYPE 45 DOUBLE GATES

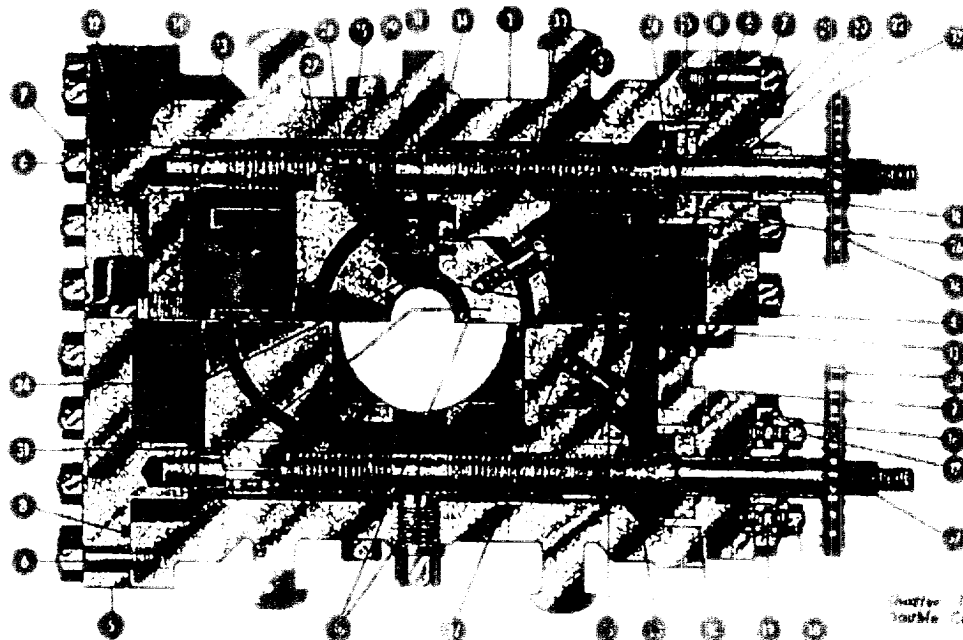


Fig. 101
Shaffer Type 45
Double Gate (Side
Top View)

Part No.	NAME OF PART	Part No.	NAME OF PART	Part No.	NAME OF PART
1	Body	11	Stuffing Box Gland Stud Nut	21	Ram Block Retracting Screw
2	Body Flange Stud Nut (Not Shown)	12	Stuffing Box Gland Jam Nut	22	Ram Rubber—Pipe
3	End Cover—Front	13	Stuffing Box Chevron Packing	23	Ram Rubber—Complete &
4	End Cover—Rear	14	Brass Packing Ring—Lower	24	Ram Rubber Retaining Screw
5	End Cover & Thrust Plate Stud	15	Operating Screw	25	Sprocket Chain
6	End Cover & Thrust Plate Stud Nut	16	Thrust Bearing Plate	26	Sprocket Chain Tightener—
7	End Cover Hydraulic Packing Gasket	17	Thrust Bearing Plate—Upper	27	(Not Shown)
8	Thrust Plate	18	Ring	28	Sprocket Chain Tightener—
9	Thrust Plate Gasket	19	Thrust Bearing Plate—Lower	29	(Not Shown)
10	Side Plug	20	Ring	30	Sprocket Chain Tightener—
11	End Bearing Plug			31	and Washer—Upper (Not
12	End Center Plug			32	Sprocket Chain Tightener—
13	End & Side Plug (Upper & Lower)			33	and Washer—Lower (Not
14	Gasket			34	Sprocket Chain Guard (Not
15	Washout Plug			35	Sprocket Chain Guard Cap
16	Stuffing Box Gland			36	with Washer (Not Shown)
17	Stuffing Box Gland Stud				

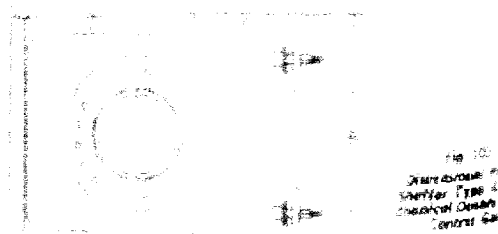
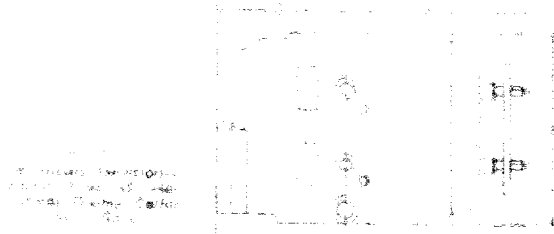


Fig. 102
Shaffer Type 45
Double Gate (Side
Top View)

DIMENSIONAL AND ENGINEERING DATA ON SHAFER TYPE 45 MECHANICAL CELLAR CONTROL GATES

Gate Size	Working Pressure p.s.i.	Working Pressure p.s.i.	Approx. Weight Pounds	Gate Size	Height	Gate Length	Center To Rear	Center To Front	Max. Dia. Needed to Change To
400	3.000	3.000	4.400	400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	59 1/2"
600	3.000	3.000	4.500	600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	60 1/2"
800	3.000	3.000	4.600	800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	61 1/2"
1000	3.000	3.000	4.700	1000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	62 1/2"
1200	3.000	3.000	4.800	1200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	63 1/2"
1400	3.000	3.000	4.900	1400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	64 1/2"
1600	3.000	3.000	5.000	1600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	65 1/2"
1800	3.000	3.000	5.100	1800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	66 1/2"
2000	3.000	3.000	5.200	2000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	67 1/2"
2200	3.000	3.000	5.300	2200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	68 1/2"
2400	3.000	3.000	5.400	2400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	69 1/2"
2600	3.000	3.000	5.500	2600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	70 1/2"
2800	3.000	3.000	5.600	2800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	71 1/2"
3000	3.000	3.000	5.700	3000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	72 1/2"
3200	3.000	3.000	5.800	3200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	73 1/2"
3400	3.000	3.000	5.900	3400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	74 1/2"
3600	3.000	3.000	6.000	3600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	75 1/2"
3800	3.000	3.000	6.100	3800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	76 1/2"
4000	3.000	3.000	6.200	4000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	77 1/2"
4200	3.000	3.000	6.300	4200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	78 1/2"
4400	3.000	3.000	6.400	4400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	79 1/2"
4600	3.000	3.000	6.500	4600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	80 1/2"
4800	3.000	3.000	6.600	4800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	81 1/2"
5000	3.000	3.000	6.700	5000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	82 1/2"
5200	3.000	3.000	6.800	5200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	83 1/2"
5400	3.000	3.000	6.900	5400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	84 1/2"
5600	3.000	3.000	7.000	5600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	85 1/2"
5800	3.000	3.000	7.100	5800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	86 1/2"
6000	3.000	3.000	7.200	6000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	87 1/2"
6200	3.000	3.000	7.300	6200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	88 1/2"
6400	3.000	3.000	7.400	6400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	89 1/2"
6600	3.000	3.000	7.500	6600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	90 1/2"
6800	3.000	3.000	7.600	6800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	91 1/2"
7000	3.000	3.000	7.700	7000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	92 1/2"
7200	3.000	3.000	7.800	7200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	93 1/2"
7400	3.000	3.000	7.900	7400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	94 1/2"
7600	3.000	3.000	8.000	7600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	95 1/2"
7800	3.000	3.000	8.100	7800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	96 1/2"
8000	3.000	3.000	8.200	8000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	97 1/2"
8200	3.000	3.000	8.300	8200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	98 1/2"
8400	3.000	3.000	8.400	8400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	99 1/2"
8600	3.000	3.000	8.500	8600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	100 1/2"
8800	3.000	3.000	8.600	8800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	101 1/2"
9000	3.000	3.000	8.700	9000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	102 1/2"
9200	3.000	3.000	8.800	9200	34 1/2"	34 1/2"	18 1/2"	25 1/2"	103 1/2"
9400	3.000	3.000	8.900	9400	34 1/2"	34 1/2"	18 1/2"	25 1/2"	104 1/2"
9600	3.000	3.000	9.000	9600	34 1/2"	34 1/2"	18 1/2"	25 1/2"	105 1/2"
9800	3.000	3.000	9.100	9800	34 1/2"	34 1/2"	18 1/2"	25 1/2"	106 1/2"
10000	3.000	3.000	9.200	10000	34 1/2"	34 1/2"	18 1/2"	25 1/2"	107 1/2"