



RIG 7 9,000' - 14,000'

P.O. Box 1860 • Hobbs, New Mexico 88241 • 505/397-3511 • 800/922-3745

DRAWWORKS

Brewster N-75 750 H.P.
Drum 13/4" Lebus grooved
Compound 2-engine oil bath chain drive
Brake Hydromatic Parkersburg 40"
Satellite Automatic Driller
Duo-O-Matic Crown Block Protector
Totco Weight Indicator

ENGINES

Two 610-H.P. D379TA Caterpillar Diesel

DERRICK

Lee C. Moore 131' 550,000 lb. rated capacity

SUBSTRUCTURE

Lee C. Moore 14 1/2' high 550,000 lb. rated capacity

MUD PUMPS

Pump No. 1: Emsco DB700 700-H.P. with steel fluid end
4 3/4" - 7 3/4" liners, 16" stroke. Compound driven
Pump No. 2: Emsco DB500 500 H.P. powered by D379
Caterpillar Diesel

DRILL STRING

4,500' 4 1/2" Grade E, 20-lb.
9,000' 4 1/2" Grade E, 16.60-lb.
Tool Joints: 4 1/2" XH, 6 1/4" OD.
Twenty-Seven drillcollars 6 1/2" OD, 2 1/4" ID.
Twenty-One 8" OD x 2 1/2" ID Drill Collars
Other sized drillpipe and drillcollars available

BLOWOUT PREVENTERS

One Shaffer LWS hydraulic double 11" x 5,000 p.s.i. One
Hydril 11" x 5,000 p.s.i. Choke manifold 4" x 5,000 p.s.i.
flanged connections. Koomey Type 80, 7-station
accumulator closing unit with remote control

MUD SYSTEM

Three 30' x 7 1/2' x 6' steel pits with 700-bbl capacity and
one 250-bbl slug pit. Complete low pressure circulating
system, consisting of four submerged mud guns and two
countersunk jets in each pit. System utilizes a 6' x 8'
centrifugal pump, powered by diesel

MUD HOSE

One 8' x 30' Steel Storage House

COMMUNICATIONS

24-hour direct telephone interconnection through Hobbs
(505/393-1111) or 1-800/922-3745

OTHER EQUIPMENT

BLOCKS: Ideal 300 Ton

HOOK: BJ 4300 300 Ton

SWIVEL: Brewster N69 350 Ton

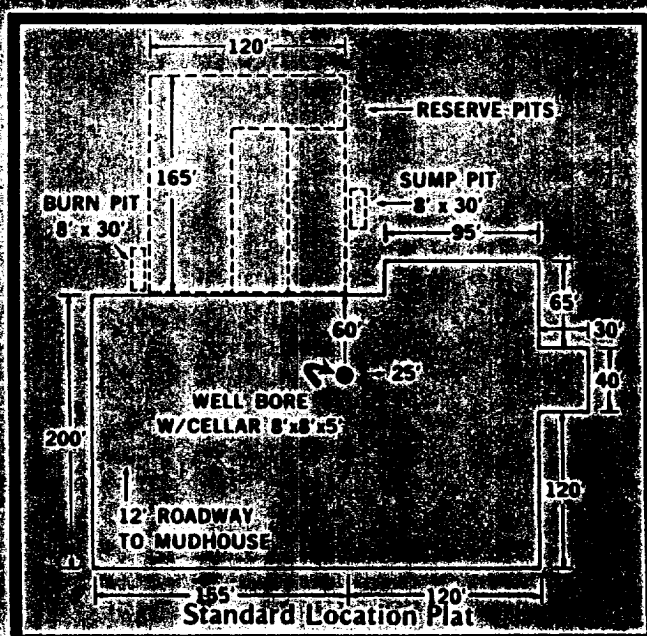
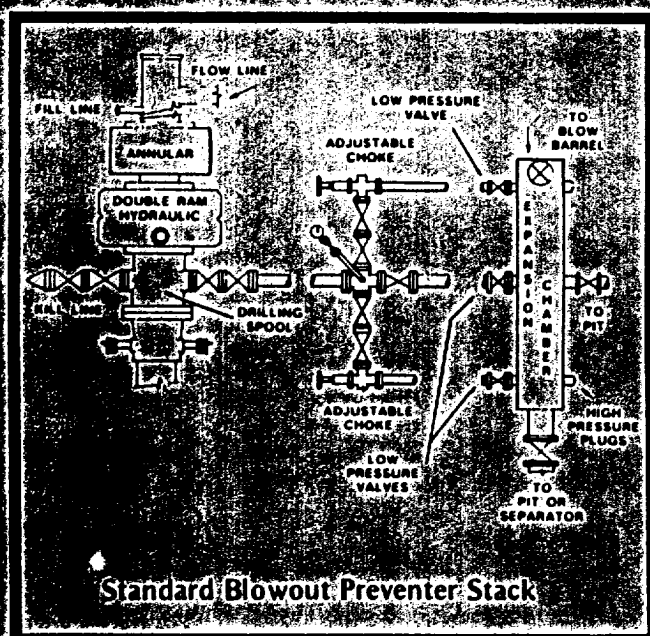
ROTARY TABLE: Oilwell 20 1/2"

SHALE SHAKER: Totco double screen

ELECTRICAL POWER: Two 135-kw AC Generators
powered by diesel engines. AC fluorescent or
mercury vapor lights. All vapor-proof

FRESH WATER STORAGE: Two 500-bbl horizontal tanks

HOUSING: One 10' x 44' refrigerated air-conditioned
house with sleeping and cooking facilities



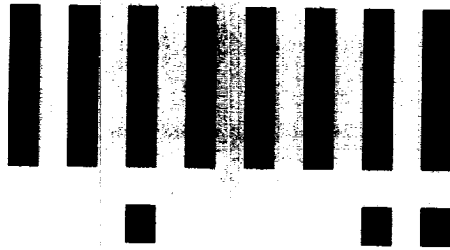
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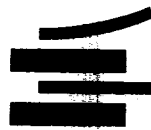
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Job separation sheet

WRS COMPLETION REPORT

COMPLETIONS SEC 26 TWP 10S RGE 33E
PI# 30-T-0013 10/26/90 30-025-30858-0000 PAGE 1

NMEX LEA * 1650FSL 2310FWL SEC NE SW
STATE COUNTY FOOTAGE SPOT
WESTERN RESERVES OIL D DO
OPERATOR WELL CLASS INIT FIN
3 STATE "26"
WELL NO. LEASE NAME
4212KB 4196GR VADA
OPER ELEV FIELD/POOL/AREA
API 30-025-30858-0000
LEASE NO. PERMIT OR WELL I.D. NO.
05/27/1990 07/26/1990 ROTARY VERT OIL
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
12800 DEVONIAN ZIADRIL INC 7 RIG SUB 15
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 12680 PB 12667 FM/TD DEVONIAN
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

9 MI E CAPROCK, NM

CASING/LINER DATA

CSG 13 3/8 @ 450 W/ 500 SACKS
CSG 8 5/8 @ 4200 W/ 1700 SACKS
CSG 5 1/2 @ 12679 W/ 875 SACKS

TUBING DATA

TBG 2 7/8 AT 12545

INITIAL POTENTIAL

IPF3238BOPD 65 MCFD 12/64CK 24HRS
DEVONIAN PERF W/ 81/IT 12620-12660
TP 360
GTY 20.0 GOR 49.8
POT BASED ON 11 HR TEST, FLWD 1484 BO, 30 MCFG
FCP PKR

TYPE	FORMATION	LTH	TOP	DEPTH/SUB	BSE	DEPTH/SUB
LOG	ABO		8137	-3925		
LOG	WOLFCAMP		8820	-4608		
LOG	CISCO		9656	-5444		
LOG	CANYON		10038	-5826		
LOG	STRAWN		10656	-6444		
LOG	DEVONIAN		12520	-8308		

CONTINUED IC# 300257013690

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Petroleum Information

PI-WRS-C
Form No 1

DB a company of
The Dun & Bradstreet Corporation

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WESTERN RESERVES OIL
3 STATE "26"

D DO

TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB

SUBSEA MEASUREMENTS FROM KB

FORMATION TEST DATA

DST 1 12540-12600 DVNIAN U CUSH 1500 WTR
REC 10.0 FT MUD 1500.0 FT WCUSH
REC .0 TR MUD
INIT OP 30M IFP 660 FFP 660
FINAL OP 1H IFP 660 FFP 660
ISIP 2475 1H FSIP 2530 3H IHP 6396 FHP 6359

DST 2 12600-12660 DVNIAN U S
REC 6284.0 FT OIL 1500.0 FT SMGCW
REC .3 CFT GAS 2300.0 CC OIL
INIT OP 30M IFP 687 FFP 1864
FINAL OP 1H IFP 1226 FFP 2758
ISIP 4876 1H FSIP 4876 3H IHP 6423 FHP 6442
SPL CHAM PRESS FINAL 185

PRODUCTION TEST DATA

DEVONIAN PERF W/ 81/FT 12620-12660
PERF 12620-12660
ACID 12620-12660 500GALS
15% HCL

LOGS AND SURVEYS /INTERVAL, TYPE/

LOGS GR CNL LDT
LOGS CAL DLL MSFL

DRILLING PROGRESS DETAILS

WESTERN RESERVES OIL
BOX 993
MIDLAND, TX 79702
915-683-5533
04/06 LOC/1990/
05/29 DRLG 2760
05/30 DRLG BELOW 2760
06/06 DRLG 7377
06/12 DRLG 8425

CONTINUED

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WESTERN RESERVES OIL D DO
3 STATE "26"

DRILLING PROGRESS DETAILS

06/13 DRLG 9139
06/20 DRLG 10685
06/26 DRLG 11500
07/02 DRLG 12113
07/09 12600 TD, RNG DST #2
07/11 12600 TD, PREP DRILL
07/18 12680 TD, PREP DOC
07/25 12680 TD, PB 12667, TSTG
08/10 12680 TD, PB 12667, WOPT
09/14 12680 TD, PB 12667, WO STATE FORMS
10/24 TD REACHED 07/11/90 RIG REL 07/13/90
12680 TD, PB 12667
COMP 7/26/90, IPF 3238 BO, 65 MCFGPD,
12/64 CK, GOR 49.8, GTY 20,
FTP 360, FCP PKR
PROD ZONE - DEVONIAN 12620-12660
NO CORES, TWO DSTS RPTD