



CISF

OPERATIONS LOG

COMPANY: OXY USA, INC.
LEASE: PAPA BEAR STATE # 1
FIELD (FORMATION): ()
COUNTY: EDDY
STATE: NM

TEST TYPE: BUILDUP

ENGINEER: GARY WOMACK
FIELD REP:
JOB RUN BY: JOE PEREZ
DATA PREPARED BY: ROD DODSON
INSTRUMENT: T-64

RECEIVED
000 APR 2014

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 07277
------	------	-----	------------------------------------

6/21/99 09:15:00 AM			ON LOCATION
6/21/99 09:33:15 AM			START ELECTRONIC SURFACE PRESSURE GAUGE
6/21/99 09:45:00 AM			START FLOW TEST BY OXY REPRESENTATIVE
6/21/99 01:20:00 PM			DISCONNECT SURFACE GAUGE, PREPARE TO RUN DOWNHOLE GAUGES
6/21/99 01:26:57 PM			START ELECTRONIC GAUGE #T-64
6/21/99 01:28:00 PM			START ELECTRONIC GAUGE #40007
6/21/99 01:39:00 PM	893		IN LUBRICATOR W/ GAUGES UNTIL 13:46:39
6/21/99 01:55:09 PM	942		2000' GRADIENT STOP UNTIL 14:02:09
6/21/99 02:08:43 PM	942		4000' GRADIENT STOP UNTIL 14:13:43
6/21/99 02:20:48 PM	944		6000' GRADIENT STOP UNTIL 14:26:32
6/21/99 02:34:00 PM	938		8000' GRADIENT STOP UNTIL 14:39:00
6/21/99 02:44:00 PM	935		9000' GRADIENT STOP UNTIL 14:49:00
6/21/99 02:53:37 PM	928		ON BOTTOM @ 9192' W/ GAUGES
6/21/99 03:13:00 PM			RESTART ELECTRONIC SURFACE PRESSURE GAUGE
6/21/99 03:16:00 PM			OPEN WELL TO ELECTRONIC SURFACE PRESSURE GAUGE
6/21/99 03:33:00 PM			SHUT IN WELL FOR BUILDUP
6/24/99 10:50:00 AM			ON LOCATION
6/24/99 01:13:30 PM	1069		IN LUBRICATOR TO RETRIEVE GAUGES
6/24/99 01:36:00 PM	1070		OFF BOTTOM W/ GAUGES
6/24/99 01:37:22 PM	1070		9000' GRADIENT STOP UNTIL 13:42:22

DATE	TIME	DWG	OPERATIONS LOG - JOB NUMBER: 07277
------	------	-----	------------------------------------

6/24/99 01:46:36 PM	1070	8000' GRADIENT STOP UNTIL 13:51:46
6/24/99 01:58:50 PM	1070	6000' GRADIENT STOP UNTIL 14:04:50
6/24/99 02:10:33 PM	1070	4000' GRADIENT STOP UNTIL 14:15:23
6/24/99 02:21:35 PM	1070	2000' GRADIENT STOP UNTIL 14:26:35
6/24/99 02:32:44 PM	1070	IN LUBRICATOR W/ GAUGES UNTIL 14:39:39
6/24/99 02:50:00 PM		RIG DOWN & DOWNLOAD GAUGES
6/24/99 03:45:00 PM		OFF LOCATION



WELL GRADIENT SHEET

COMPANY

OXY USA, INC.

LEASE

PAPA BEAR STATE

WELL NO.

1

FIELD

COUNTY

EDDY

STATE

NM

FORMATION

SHUT IN DATE & TIME

HOURS SHUT IN

TEST DATE

6/21/99

TIME

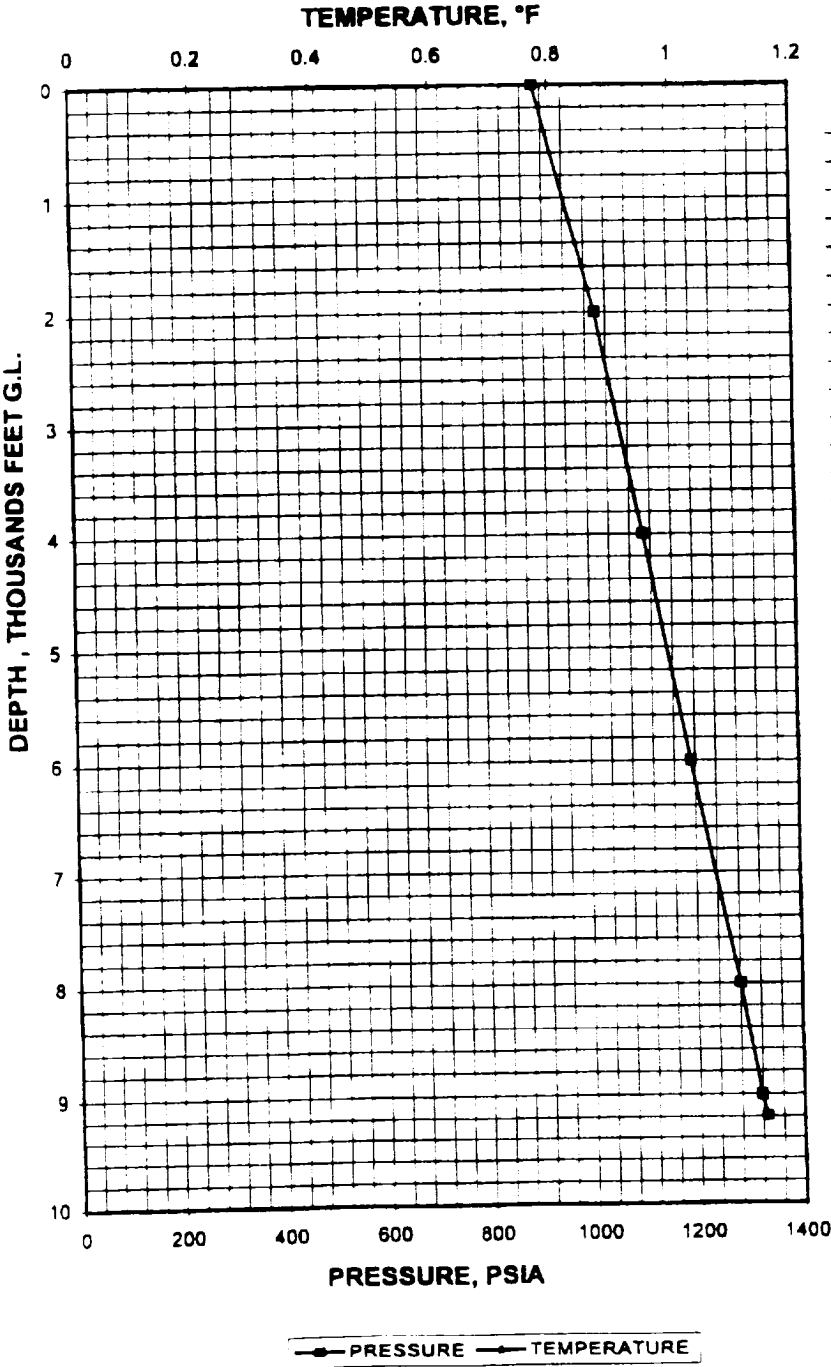
14:54

WELL STATUS

FLOWING

JOB NUMBER

07277



MEAS. DEPTH FEET G.L.	TRUE DEPTH FEET G.L.	TEMP. °F	PRESSURE PSIA	GRADIENT PS/FT
0	0		904.06	
2000	2000		1019.19	0.0576
4000	4000		1105.69	0.0433
6000	6000		1191.62	0.0430
8000	8000		1280.91	0.0446
9000	9000		1318.94	0.0380
9192	9192 R.D.		1327.86	0.0464

Elev. K.B. -

G.L. -

Pressure Datum

Tubing

2.375

Depth

9175

S.N.

1.87

Depth

9175

Casing

Depth

Perforations

Total Depth

Casing Pressure

PACKER @ 9175

Tubing Pressure

893 DWG

Temp. @

9192

=

148.5°F

Instrument No.

T-64

Run By

JOE PEREZ

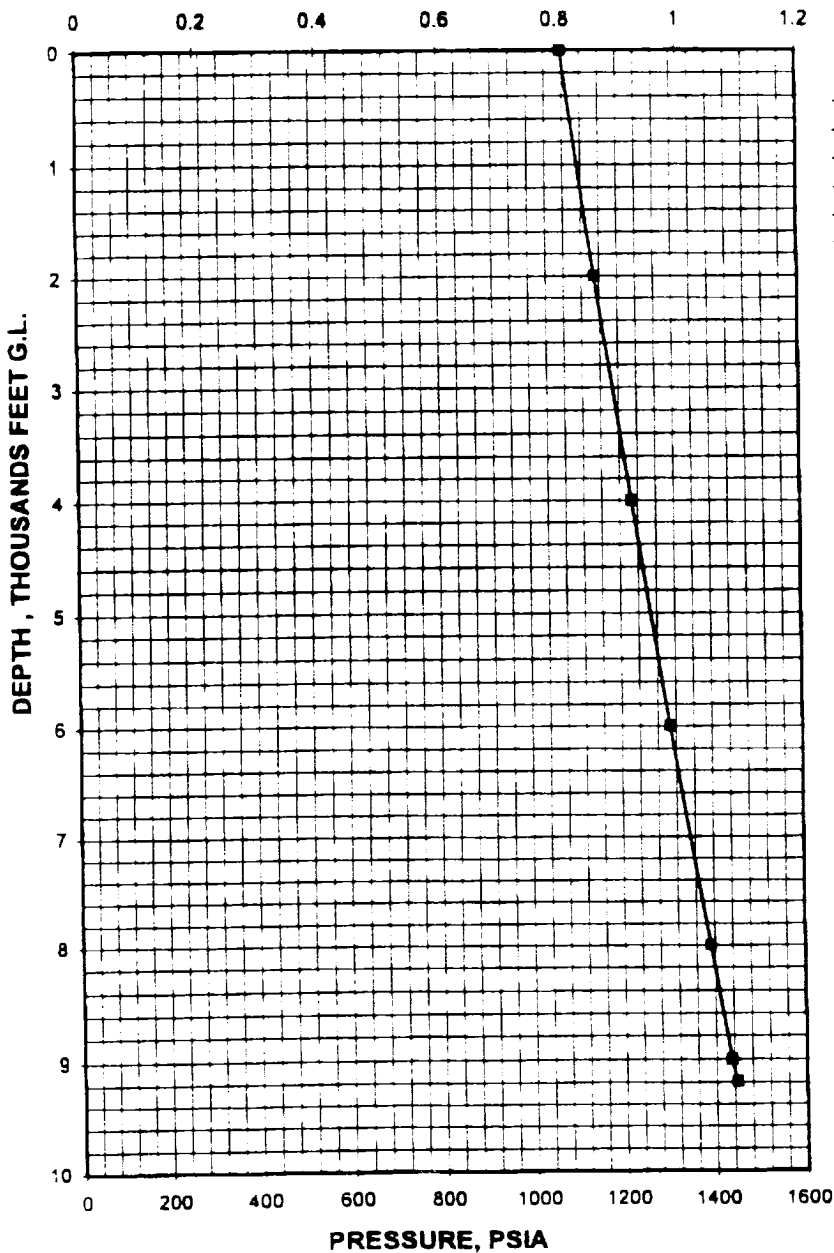
Calculated By

ROD DODSON

WELL GRADIENT SHEET

COMPANY OXY USA, INC. LEASE PAPA BEAR STATE WELL NO. 1
 FIELD _____ COUNTY EDDY STATE NM
 FORMATION _____ SHUT IN DATE & TIME 6/21/99 15:33 HOURS SHUT IN 70.05
 TEST DATE 6/24/99 TIME 13:36 WELL STATUS SHUT-IN JOB NUMBER 07277

TEMPERATURE, °F



MEAS. DEPTH FEET G.L.	TRUE DEPTH FEET G.L.	TEMP. °F	PRESSURE PSIA	GRADIENT PS/FT
0	0		1076.47	
2000	2000		1148.21	0.0359
4000	4000		1225.89	0.0388
6000	6000		1306.77	0.0404
8000	8000		1391.92	0.0426
9000	9000		1434.42	0.0425
9192	9192 R.D.		1446.64	0.0637

Elev. K.B. - G.L. -
 Pressure Datum
 Tubing 2.375 Depth 9175
 S.N. 1.87 Depth 9175
 Casing Depth
 Perforations
 Total Depth
 Casing Pressure PACKER @ 9175
 Tubing Pressure 1070 DWG
 Temp. @ 9192 = 150.5°F
 Instrument No. T-64
 Run By JOE PEREZ
 Calculated By ROD DODSON

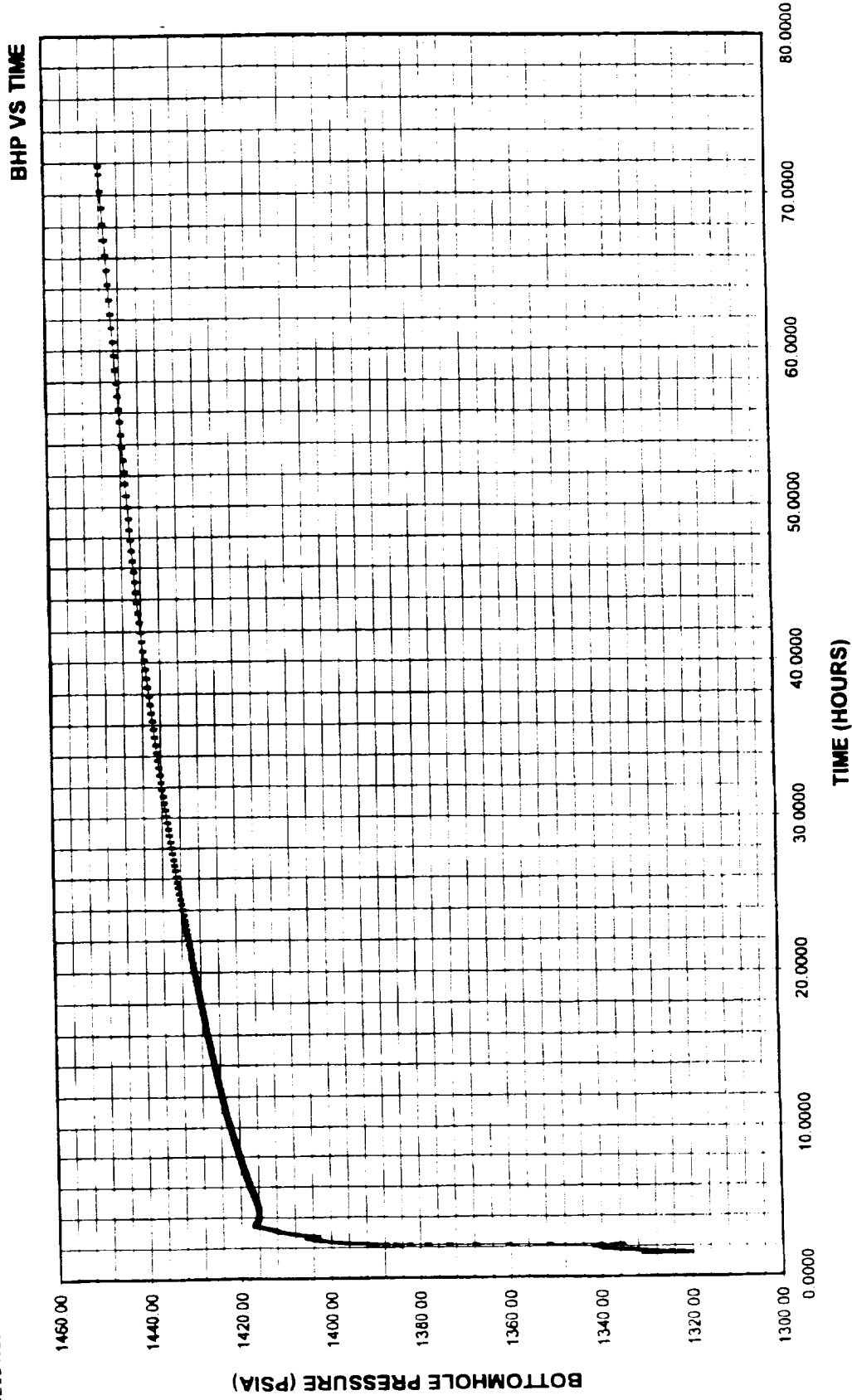
ARC PRESSURE DATA INCORPORATED

COMPANY: OXY USA, INC.
LEASE: PAPA BEAR STATE
WELL NUMBER: 1

FIELD: EDDY
COUNTY: NM
STATE: NM

JOB #: 07277
TEST DATE: 6/21/99

6/24/99



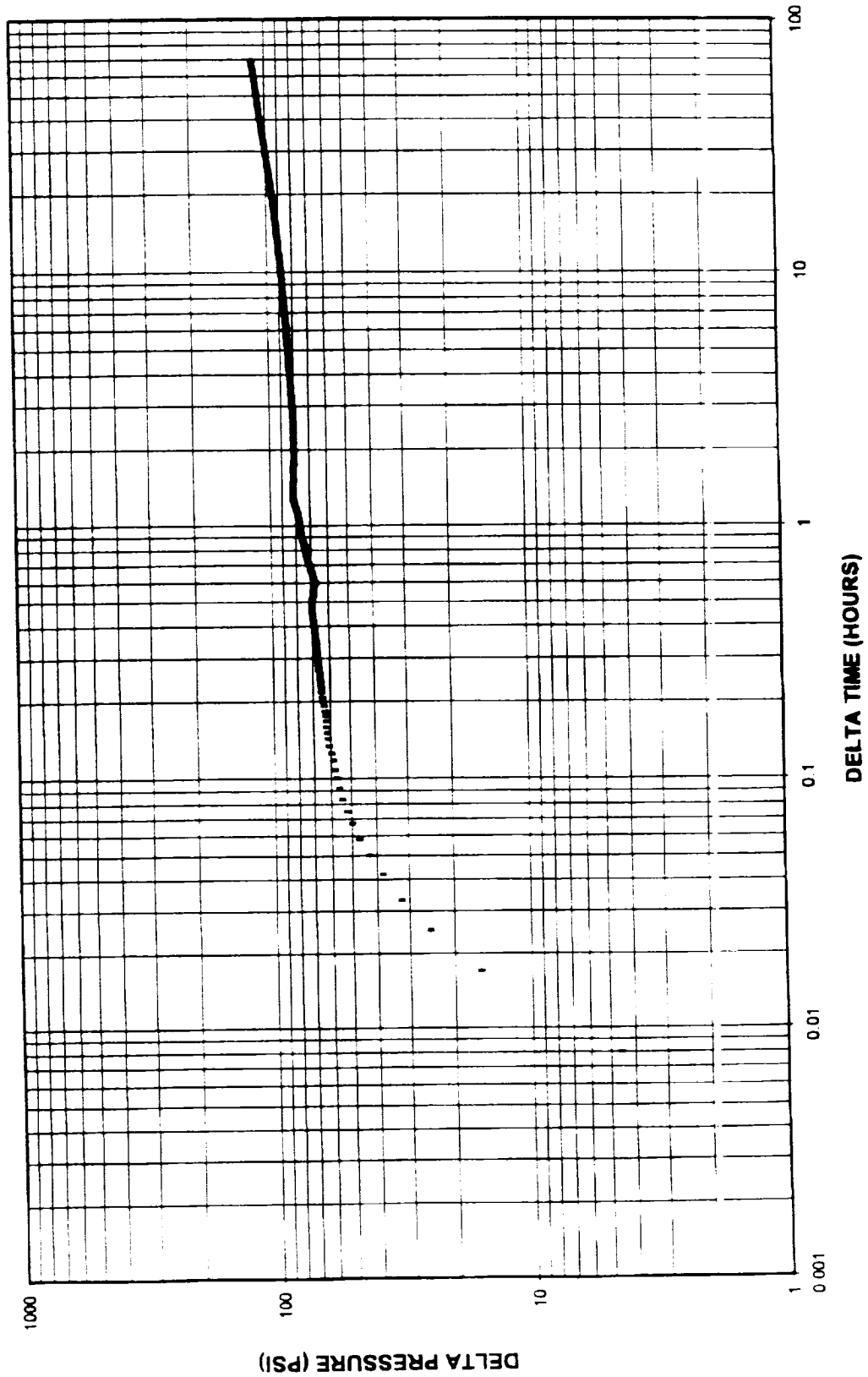


COMPANY: OXY USA, INC.
LEASE: PAPA BEAR STATE
WELL NUMBER: 1

FIELD:
COUNTY: EDDY
STATE: NM

JOB #: 07277
TEST DATE: 6/21/99
6/24/99

LOG LOG PLOT





COMPANY: OXY USA, INC.
LEASE: PAPA BEAR STATE
WELL NUMBER: 1

FIELD: EDDY
COUNTY: NM
STATE: NM

JOB #: 07277
TEST DATE: 6/21/98

6/24/99

SEMILOG PLOT

