

Amoco Production Company
WELL REPAIR AUTHORIZATION AND REPORT

ORIGINAL BLANK	☐
CORRECTION 8	☐
DELETION 9	☐
FLAC (WELL) NO.	9, 2, 4, 9, 4
HORIZON CODE	
CONTROL DATE	MO DAY YR

LEASE/UNIT NAME AND WELL NUMBER South Hobbs Unit #67		HORIZON NAME Grayburg San Andres	
FIELD Hobbs		COUNTY Lea	STATE New Mexico
OPERATOR Amoco	DISTRICT Hobbs	ELEVATION 3606' KB	ELEV. REFERENCE PT.
LAST PRODUCING WELL ON LEASE YES NO		T. D. 4226'	P. B. T. D. 4226'
LOCATION "C" Unit, 660 FNL, 1980 FWL Section 10, T-19-S, R-38-E			
Amoco WORKING INTEREST 7.52		OTHER WORKING INTERESTS .248 Various	
Amoco NET INTEREST 6.39		TOTAL REPAIR HORIZONS 1	STATUS AFTER REPAIR PRODUCING ☐ INJECTION ☒
PRODUCTION INCREASE EXPECTED YES ☐ NO ☐			
TYPE JOB SELECT ONE MAJOR (1) AND MAXIMUM THREE MINOR (2)		ESTIMATED COST	
C. CONVERT TO INJECTION ☐		INTANGIBLES	
D. WATER FRAC ☐		RIG COST \$ 8,000.00	
E. ACIDIZE ☐		EQUIPMENT RENTAL 4,000.00	
F. PLUG BACK ☐		CIRCULATING MEDIA 360.00	
G. WASHING SAND ☐		CEMENT AND SERVICE 5,000.00	
H. SET LINER OR SCREEN ☐		PACKERS AND EQUIPMENT 2,000.00	
I. TREATING VOLUME - GAL. ☐		PERFORATE, LOG, WIRELINE	
REPAIR DESCRIPTION J. Locate Leak		STIMULATION	
GROSS PRODUCTION		LABOR	
BEFORE ANTICIPATED UNIT PRICE		SPECIAL EQUIPMENT	
K. OIL BOPD ☐		FISHING	
L. WATER BWPD ☐		OTHER INTANGIBLES 1,000.00	
M. GAS MCFD ☐		TOTAL INTANGIBLES \$ 2,360.00	
N. OTHER /DAY ☐		TANGIBLES	
EXPECTED PAYOUT MONTHS		CSG., TBG., HEAD, ETC. \$	
GROSS INJECTION		TOTAL GROSS COST \$ 20,360.00	
WATER ☐ GAS ☐ LPG ☐ AIR ☐ STEAM ☐ OTHER ☐		Amoco	
BEFORE ANTICIPATED		WORKING INTEREST COST \$ 15,310.72	
R. RATE BPD OR MCFD 596 596			
S. PRESSURE PSIG 400 400			

REASON FOR WORK

To locate casing leak

T. REPAIR RESULT DATE REPAIR COMPLETED GROSS PRODUCTION DURING PAYOUT	SUCCESS ☐ FAILURE ☐ MO. DAY YR. OIL BOPD WATER BWPD GAS MCFD OTHER /DAY	RECOMMENDED MSW 077 DATE 6/25/81
U. OIL BOPD WATER BWPD GROSS INJECTION RATE BPD OR MCFD ESTIMATED FINAL GROSS COST	W. OIL BOPD WATER BWPD GAS MCFD OTHER /DAY Y. RATE BPD OR MCFD PRESSURE PSIG Z. ESTIMATED FINAL GROSS COST	AUTHORIZED MSW 077 MO. DAY YR. 6/25/81

Workover Brief

Date: June 25, 1981

South Hobbs Unit 67 (Injector)

Purpose: To locate and repair casing leak

Procedure:

1. Pull packer and tubing.
2. Run a retrievable bridge plug (8 5/8", 36 # csg) and set @ 3950'. Cap with 15' of sand. (approximately 5 sacks of sand).
3. Attempt to locate casing leak using tubing and packer.
4. When leak is located, contact engineering in the District office for a supplementary brief.

S. J. OLKERSON

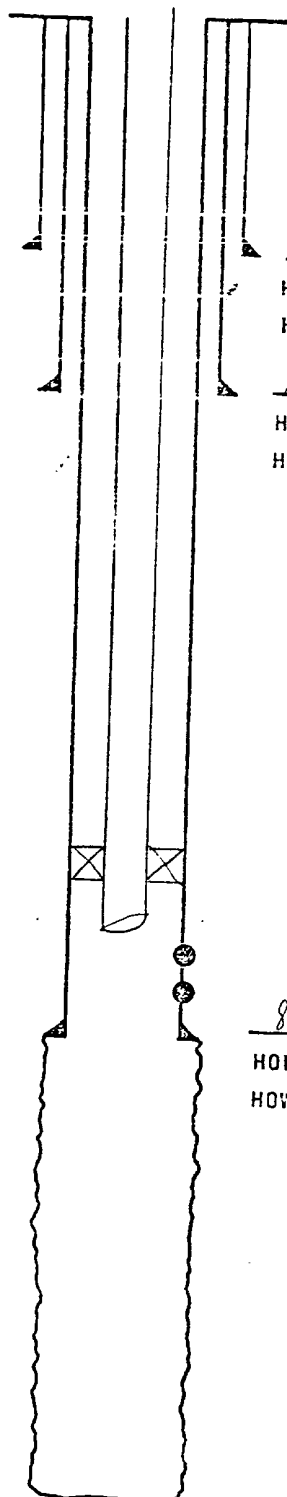
District Section Leader

District Foreman

FIELD <u>HOBBS' (GSA)</u>	OPERATOR <u>Amoco Production Company</u>		DATE OF WELL STATUS <u>1-22-80 AC</u>
LEASE NAME <u>SOUTH HOBBS UNIT</u>	WELL NO. <u>67</u>	WELL LOCATION "C" UNIT LETTER <u>660</u> FEET FROM <u>NORTH</u> LINE AN <u>1980</u> FEET FROM <u>WEST</u> LINE SEC. <u>10</u> T <u>19S</u> R <u>3</u>	

MEASUREMENT DATUM ELEV. 3606 (GL-DF-KB) TOTAL DEPTH 4226 PBTD _____

Formerly: THROP R/A "A" WELL NO. 11
API NO: 30-025-07676
FLAC NO: 924941016



16 # 70 # CASING CMT'D. @ 185 FT. WITH 100 SX CMT.
HOLE SIZE 19 3/4 ", TOP OF CMT. OUTSIDE CASING @ _____ FT.
HOW TOP OF CMT. DETERMINED _____

10 3/4 # 455 # CASING CMT'D. @ 1599 FT. WITH 75 SX CMT.
HOLE SIZE 13 3/4 ", TOP OF CMT. OUTSIDE CASING @ _____ FT.
HOW TOP OF CMT. DETERMINED _____

8 7/8 # 36 # CASING CMT'D. @ 4020 FT. WITH 75 SX CMT.
HOLE SIZE 9 7/8 ", TOP OF CMT. OUTSIDE CASING @ _____ FT.
HOW TOP OF CMT. DETERMINED _____

PERFORATED INTERVAL(S)	<u>NOW OPEN 3990-4004 w/ 25PF</u>

*NOW SQUEEZED	
OPEN HOLE INTERVAL	<u>4020-4226</u>
<u>2 3/8</u> # TEG. @	<u>3868</u> FT. PKR. @ <u>3860</u>

South Hobbs Unit No. 67
Formerly: Throp R/A "A" Well No. 11
API No. 30-025-07676
FLAC: 924941016

Location: Unit Letter C 660' FNL x 1980' FWL, Sec 10, T-19-S, R-38-E
Lea County, New Mexico

Elevation: 3606' KB 3602' GL

Cementing Data

11/06/30: 15" 70# 8 Thrd CSA 185' w/100 sx In 19 3/4" Hole
11/17/30: 10 3/4" 45.5# 8 Thrd CSA 1599' w/75 sx in 13 3/4" hole
12/22/30: 8 5/8" 36# 10 Thrd CSA 4020' w/75 sx in 9 7/8" hole
TD 4226' Old TD was 4204'

Completion Data

11/03/30: Drilling commenced
01/19/31: Well completed
01/27/31: Official 6 hr proration test well flowed thru 5/8"
choke 621 bbls oil x 650 MCF gas to equal 2848 BOPD
x 2600 MCFGPD

Workover Data:

02/28/34: Acd w/1000 gal
PPWO 213 BOPD PAWO 1361 BOPD x 650 MCFGPD x 2000 MCFGPD
01/11/61: Acd w/500 gal 15% reg acid
PPWO 22 BOPD. PAWO 38 BOPD
02/02/67: CO to 4202' w/SN pump. Spot 500 gal 15% LSTNE. Acid
over open hole. Flush w/20 BFW
07/18/68: Acd w/9000 gal 15% followed by 2000 gal Xylene paraffin
solvent. PPWO 30 BOPD PAWO 25 BOPD
10/20/69: Acd w/4000 gal LSTNE
PPWO 32 BOPD PAWO 49 BOPD
12/10/75: CBL by Western showed good bond 3242'-3328' x 3432'-3496'.
12/12/75: Conv to Inj. DPN to 4226'. Perf 3990'-4004' w/2 JSPF.
Locate x sq csg leak 3920'-3950'. Acd 3990'-4226'.
w/2000 gal 15% NE. Run 2 3/8" 4.7# J-55 EUE 8 RT
tbg coated w/PA 501 to 3868'. Baker Model HD-1 8-5/8"
x 4' x 2 3/8" PSA 3855'. Fill annulus w/25 BFW x 5
Gal WA 840.

01/02/76:

WO to convert to wtr inj. TD 4226'. PPWO: 8 BO x 12
BW in 24 hrs. R log 4217'-2700'. Perf 3990'-4004'
w/2 SPF. Sq csg leak 3920'-50 x 100 sx cmt - unable *went on line*
to sq. DO cmt x tstg csg to 600 psi. 30 min ok. Pmp
~~into csg leak 3850'-3970'. At 1/2 BPM, 400 PSI.~~ R CBL
Acid perfs 3990'-4004' x)H 4018'-4226' x 2000 gal 15%
NE. R inj x pkr x tbq x PSA 3855. Load annulus x 25
BW x 5 gal Wellaid 840. Inj commenced 01/07/76. 1100
BWPD on VAC.

11/03/78:

P tbq x pkr. R bit x tbq clear hole to 4226. P tbq
x bit. R tbq x pkr. Pkr SA 3870. Acid w/5500 gal
20% HCl in 4 stages. Stage 1&2 separated by 200#
rock salt. Stages 2&3 separated w/300# rock salt.
Stages 3 & 4 separated w/200# rock salt. Flushed
w/40 BFW. Ptg x pkr. Rtg x pkr, pkr SA 3862. Pmp
fresh wtr down casing. Return well to injection.

1. The first part of the document is a list of the names of the members of the committee who have been appointed to study the problem of the shortage of housing in the city of New York.