

Amoco Production Company
DRODB
Casing and Cementing/Tubing Report
Denver Region

SUN
 Identification: 0 Date: 04/16/90 FLAC Well: Hzn Sub: 14 Check Digit: 5 Rig Status Code: 300456719900 API Well: Side T/L: 232
 Days from CRDO: 14 Days Operated: 27 Auth. TD: 8535 Last Csg Size: 20 Depth: 526

9 Depth Set: 3000 Date Set: 09/15/90 Type: I
 Type Casing or Tubing:
 C - Conductor P - Protective T - Tie Back
 S - Surface R - Production O - Other
 I - Intermediate L - Liner U - Tubing

41	Interval Top Depth	Interval Bottom Depth	O.D.	Weight/Foot	Grade Code	Type Conn.	Number of Joints
41	SFC	1755.84	13.315	54.50	3	1	41
41	1755.84	1888.16	13.375	54.50	3	1	3
41	1888.16	2537.07	13.375	61.00	3	1	15
41	2537.07	2911.30	13.375	68.00	3	1	9
41	2911.30	2999.10	13.375	68.00	3	1	2
41							
41							

Grade Code	Connection Types
1. H40	1. Round STXC
2. J58	2. Round LTXC
3. K58	3. Surface
4. C75	4. J58 EUE
5. H80	5. J58 Super P-9
6. H80	6. J58 Super P-9
7. L80	7. J58 Super P-9
8. S80	8. J58 Super P-9
9. S80	9. J58 Super P-9
10. E98	10. J58 HCS
11. S98	11. J58 HCS
12. S98	12. J58 HCS
13. S98	13. J58 HCS
14. S108	14. J58 HCS
15. P110	15. J58 HCS
16. S128	16. J58 HCS
17. S140	17. J58 HCS
18. V150	18. J58 HCS
19. S158	19. J58 HCS
20. Other	20. Other

42	Type Tool	Top Depth	Bottom Depth	Number of Tools	Tool Name (max. 26 char.)
42	5	1755.84	1755.84	1	GEMOCO DV TOOL
42	9	2911.30	2911.30	1	FLOAT COLLAR - GEMOCO
42	14	2999.10	3000.00	1	GUIDE SHOE - GEMOCO
42	1	101.73	2975.79	17	CENTRALIZERS
42					
42					
42					

Type Casing Tools	Type Tubing Tools
1. Rigid Conduits	50. Hanger
2. Non Rigid Conduits	51. Bit
3. Split Boreholes	52. Valve
4. Reamer Bits	53. Surface Liner
5. DV Tool	54. Blast Air
6. Free Buffer	55. Hanger
7. PBR	56. Gravel
8. Cog Formation Bit	57. Plugback Type
9. Float Collar	58. Plugback Type
10. Plug Shoe	59. Plugback Type
11. X-Over Joint	60. Hanger
12. X-Over Collar	61. Hanger
13. Cement Slurries	62. Other
14. Guide Shoe	
15. Liner Hanger	
16. Liner Hanger Bit	
17. Liner Tie Back Slurries	
18. Exterior Protection	
19. Other	

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OIL CON. DIV.
DIST. 3

70	Depth	Max. Pump Pressure	Max. Flowrate (BPM)	Pump Horsepower	Avg. Daily Operation Cost
70					

71	Date	Type	Top Depth	Bottom Depth	BHT	Log Service Company (max. 20 char.)
71	09/14/90	INL	SFC	3000	150	HCS
71		CNL				
71		SP				(MICROLOG)
71		SAL				

Log Service Company (max. 20 char.)
ACB - Any Acoustic Log
VEL - Acoustic Velocity
CSL - Cement Bond Log
INL - Any Log
LTL - Any Log
DLL - Density Log
MCL - Any Log
NML - Any Log
PRX - Any Penetration Log
RST - Any Resistivity Log
2IL - Any Log
DEM - Any Density Log
FDC - Density Porosity Log
NEU - Any Neutron Log
CNC - Any Cementation Log
TDT - Any Log
GRL - Any Gamma Ray Log
CAL - Any Caliper
TMP - Any Temperature
MAG - Any Magnetic Log
HDT - Any Log
PDC - Any Cementation Log
SHG - Any Shear Modulus Log
SN - Any Sonic Modulus Log
LN - Any Long Normal Log
SE - Any Shear Modulus Log
MS - Any Magnetic Log
NR - Any Neutron Log
MO - Any Magnetic Log
AT - Any Acoustic Log

10	CD	Csg Backoff	Inch	Lbs
10		RAN 13 3/8" CSG TO 3000' x CMT W/ 550X LEAD 1300 SX		
10		TAIL STAGE#1 x CIRC THRU DV @ 1755' x CMT W/ 175 SX		
10		LEAD 175 SX TAIL STAGE#2 x PLUGS DN 14:30 HRS 09/15/90		
10		60 BBLs CMT CIRC OUT BETWEEN STAGES x CIRC 100 BBLs		
10		CMT TO PIT STAGE#2		
10				

Called in By: J.R. MILLER

Call Received By: _____

