

NEWSOM #17
Repair Bradenhead Leak
December 21, 2000

API# 300451185700

Location: NMPM-26N-8W-20-SE-NE.

Objective

We believe the best method to repair this well is a top down cement squeeze. On 11/31/00 we had a workover rig on this well to pull tubing, set a plug @ 612', repair wellhead, and test casing to 1000 psi. Following wellhead repair Bradenhead still pressures up (265 psi), and has a small gas blow. We do not feel that shooting holes in good pipe and squeezing down hole will solve this problem due to the large amounts of cement pumped and depths it was pumped at. The best method to repair is to establish a pump rate down Bradenhead with fresh water, then follow with thin class "A" cement slurry. If we can not establish an injection rate with fresh water from surface we will shoot holes 50' below surface pipe shoe (336') and attempt to squeeze cement to surface. We recently had a workover rig on this well to set a plug to enable us to repair a wellhead leak to pass Bradenhead test only to discover that there is a small gas flow from below. Casing tested to 1000 psi OK, plug was pulled and tubing landed at original depth.

Completion records for this well show that when the 8.625" OD surface casing was set at 306', cement was circulated to surface. Production casing, 4.5" OD, was set at 6775' and cemented in three large stages with comments it came to or near surface and could not locate with temperature survey, (1st stage 6775' w/375 sx, 2nd stage @4770' w/470 sx, & 3rd stage @ 2255' w/685 sx).

Well Data

PBTD @ 6741", TD @ 6775', GL --- 6355'; KB/GL = 14'

Surface Casing: 8.625", 24#, 9 jts., landed @ 306', cement circulated to surface

Production Casing: 4.5" OD, 10.5#, J-55, 209 jts., from surface set @ 6775', cemented 3 stages - (1st stage 6775' w/375 sx, 2nd stage @4770' w/470 sx, & 3rd stage @ 2255' w/685 sx).

Perforations: (Dakota) @ 6488' - 6586', 6642' - 6650', 6680' - 6726'.

Plug Currently set A 600'

Tubing: 2.375" OD, 4.7# J-55 tubing landed @ 6625' w/SN and mule shoe on bottom.

Procedure

- 1) Move in pump truck an, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up to Braden Head, WORK SAFELY!
- 2) Establish injection rate down Braden Head do not exceed 2000 psi, monitor production casing pressure to ensure no leaks appear. Call engineering Houston if unable to establish pump rate or if casing leaks. Rig up cement truck and pump 20 sacks if possible, thin Class "A" cement slurry.
- 3) Shut-in, rig down, move off location.

San Juan East Team
Prepared by Dennis Wilson

3/20/01
255x B 2% cnc/ @ 408'-123 1100 PSI

Pelted @

working on
pelted @ 356
cnc cmt now pelt
won't hold will do cmt walk

Job name:

Interface: Parallel Centronics

Job Status:

Line Ending: CR,LF

Page Occur Message

Data Encoding: ASCII/8

1	1	An unassigned Font ID index number called out in the document. It was ignored.
33	1	An unassigned Font ID index number called out in the document. It was ignored.

Fonts Used:

XCP14-L

**NEWSOM #17
Repair Bradenhead Leak
December 21, 2000**

API# 300451185700

Location: NMPM-26N-8W-20-SE-NE.

Objective

We believe the best method to repair this well is a top down cement squeeze. On 11/31/00 we had a workover rig on this well to pull tubing, set a plug @ 612', repair wellhead, and test casing to 1000 psi. Following wellhead repair Bradenhead still pressures up (265 psi), and has a small gas blow. We do not feel that shooting holes in good pipe and squeezing down hole will solve this problem due to the large amounts of cement pumped and depths it was pumped at. The best method to repair is to establish a pump rate down Bradenhead with fresh water, then follow with thin class "A" cement slurry. If we can not establish an injection rate with fresh water from surface we will shoot holes 50' below surface pipe shoe (336') and attempt to squeeze cement to surface. We recently had a workover rig on this well to set a plug to enable us to repair a wellhead leak to pass Bradenhead test only to discover that there is a small gas flow from below. Casing tested to 1000 psi OK, plug was pulled and tubing landed at original depth.

Completion records for this well show that when the 8.625" OD surface casing was set at 306', cement was circulated to surface. Production casing, 4.5" OD, was set at 6775' and cemented in three large stages with comments it came to or near surface and could not locate with temperature survey, (1st stage 6775' w/375 sx, 2nd stage @4770' w/470 sx, & 3rd stage @ 2255' w/685 sx).

Well Data

PBTD @ 6741", TD @ 6775', GL --- 6355'; KB/GL = 14'

Surface Casing: 8.625", 24#, 9 jts., landed @ 306', cement circulated to surface

Production Casing: 4.5" OD, 10.5#, J-55, 209 jts., from surface set @ 6775', cemented 3 stages - (1st stage 6775' w/375 sx, 2nd stage @4770' w/470 sx, & 3rd stage @ 2255' w/685 sx).

Perforations: (Dakota) @ 6488' - 6586', 6642' - 6650', 6680' - 6726'.

Plug Currently set A 600'

Tubing: 2.375" OD, 4.7# J-55 tubing landed @ 6625' w/SN and mule shoe on bottom.

Procedure

- 1) Move in pump truck an, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up to Braden Head, WORK SAFELY!
- 2) Establish injection rate down Braden Head do not exceed 2000 psi, monitor production casing pressure to ensure no leaks appear. Call engineering Houston if unable to establish pump rate or if casing leaks.
Rig up cement truck and pump 20 sacks if possible, thin Class "A" cement slurry.
- 3) Shut-in, rig down, move off location.

San Juan East Team
Prepared by Dennis Wilson

OGRID	VY	MM	POOL	PROP	3	CD	Pod	Bom	Disp	Vol	TRNSP	4	CD	Eom	Proc.	C115	Entered	CTRL	Err
														Amt	Date	Date	Date	Num	Code
14538	1995	7	71629	7440	G		2810222	0	2947	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
					G		2810961	0	5903	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
					G		2811089	0	615	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
					G		2811116	0	1817	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
					G		2811148	0	2517	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
					G		2813255	0	722	999999	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72319	6807	O		1587210	0	618	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72319	6816	O		1804710	23	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	72319	7013	O		1317310	104	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
					O		1317510	60	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
					O		1317610	129	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
					O		1317810	33	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	72319	7108	O		1684410	0	128	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72319	7166	O		1682050	180	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1568
14538	1995	7	72319	7168	O		1304610	72	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	72319	7313	O		1687510	18	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1564
14538	1995	7	72319	7462	O		1636730	64	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1568
					O		2814176	0	199	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72319	7465	O		2813027	0	202	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72319	17127	O		1315310	0	617	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	72359	6989	O		1866850	36	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1568
14538	1995	7	72359	7248	O		1822710	5	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	72359	7473	O		1812610	25	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
					O		1812710	169	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	72439	7200	O		1556510	5	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	77200	13622	G		2814194	0	6348	14538	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	77200	14180	O		2074510	24	219	33113	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1563
14538	1995	7	77440	7459	O		2813745	0	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1565
14538	1995	7	77440	7460	G		2805456	0	2485	14538	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1566
					G		2805462	0	1553	14538	D			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1566
14538	1995	7	85920	15201	O		1025630	75	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000259	V1568
17643	1995	7	8435	9105	M		0	0	37299	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	43329	9112	M		0	0	142	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	61780	9152	M		0	0	261838	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	62180	9099	M		0	0	322231	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	62180	9118	M		0	0	12893	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	62180	9166	M		0	0	373414	0	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1563
17643	1995	7	62180	17021	G		767550	0	935	9171	D			0	09-03-1995	08-24-1995	08-25-1995	000000149	V1568
17643	1995	7	71629	9259	G		2815554	0	10605	17654	D			0	09-03-1995	08-24-1995	08-25-1995	000000163	V1568
20572	1994	1	71629	9722	G		2225830	0	177	16191	D			0	09-03-1995	08-20-1995	08-29-1995	000000025	V1565
20572	1994	1	71629	9732	G		2226130	0	1801	16191	D			0	09-03-1995	08-20-1995	08-29-1995	000000025	V1565
20572	1994	1	71629	9750	G		2811514	0	4766	7057	D			0	09-03-1995	08-20-1995	08-29-1995	000000025	V1566
20676	1995	7	62110	10120	G		2263830	0	1254	9171	D			0	09-03-1995	08-23-1995	08-24-1995	000000067	V1564
					M		2806823	0	62	0	I			0	09-03-1995	08-23-1995	08-24-1995	000000067	V1564
20676	1995	7	62300	10120	G		2263830	0	1507	9171	D			0	09-03-1995	08-23-1995	08-24-1995	000000067	V1564
20676	1995	7	62340	10120	G		2263830	0	887	9171	D			0	09-03-1995	08-23-1995	08-24-1995	000000067	V1564
21281	1995	7	26980	10484	G		2413010	0	46	0	U			0	09-03-1995	08-29-1995	08-29-1995	000000242	V1568
21281	1995	7	26980	10588	G		2337310	0	58	0	U			0	09-03-1995	08-29-1995	08-29-1995	000000242	V1568
21281	1995	7	71280	10575	G		2349010	0	1801	14538	D			0	09-03-1995	08-29-1995	08-29-1995	000000242	V1568
					G		2349610	0	2373	14538	D			0	09-03-1995	08-29-1995	08-29-1995	000000242	V1568
21281	1995	7	71599	10474	O		2355710	52	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000242	V1563

RECEIVED
SEP 12 1995
OIL CON. DIV.
DIST. 3

Daily Summary with Costs

API	300451185700	Field Name	BASIN DK	Area	EAST	County	SAN JUAN	State/Province	NEW MEXICO	Operator		License No	
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	KB-CP (ft)	6369.00	KB-Tubing Head Distance (ft)	6369.00	Plug Back Total Depth (ft/KB)		Spud Date	11/13/1966	Rig Release Date	

Start of report period	12/13/2000	Operations This Report Period	MIRU Aztec Well Service Rig No.376. Bled well down to pit. ND wellhead. Tagged bottom w/ 2 3/8" tbg, strapped out of hole. SLM=6682' SWI-SDON.	Daily Cost Total	6,064.00	Cum. Cost To Date	6,064.00
------------------------	------------	-------------------------------	--	------------------	----------	-------------------	----------

Costs

AFE	Vendor	Description	Cost (\$)
2971	Aztec Well Service	Rig Operation	2,300
2971	MVCI	Supervision & Admin.	525
2971	Dawn Trkg (trans)	Misc. Equipment & Services	2,301
2971	Dawn Trkg (water)	Misc. Equipment & Services	553
2971	Halliburton	Packers	355
2971	Dawn Trkg(tank)	Misc. Equipment & Services	30

Start of report period	12/14/2000	Operations This Report Period	PU RBP & TIH w/RBP & 2 3/8" tbg. Set RBP @ 612'. TOH w/ 2 3/8" tbg & setting tool. Loaded hole with water. Pressure test 4 1/2" casing to 1000 psi, test ok. SI bradenhead pressure was 265 psi. Primary seal was leaking in bottom of tubinghead. Changed out tubinghead. Bled pressure off bradenhead, bled out appx. 2 gals gas cut drilling mud. Quit bleeding out any fluid but still had slight gas blow. TIH & retrieved RBP. TIH w/ same production tbg, SN, MS. SWI-SDON.	Daily Cost Total	7,570.00	Cum. Cost To Date	13,634.00
------------------------	------------	-------------------------------	--	------------------	----------	-------------------	-----------

Costs

AFE	Vendor	Description	Cost (\$)
2971	Aztec Well Service	Rig Operation	2,330
2971	MVCI	Supervision & Admin.	265
2971	Wood Group	Wellheads	3,015
2971	Halliburton	Packers	1,558
2971	Wood Group	Misc. Equipment & Services	372
2971	Dwan Trkg	Misc. Equipment & Services	30

Start of report period	12/15/2000	Operations This Report Period	Landed tubing. ND BOP. Attempt to hook up wellhead to flowline & could not because of different tubinghead. Notified Donald Blair & Andy Ortiz that well was still shut in. RDMO. Final report.	Daily Cost Total	1,405.00	Cum. Cost To Date	15,039.00
------------------------	------------	-------------------------------	---	------------------	----------	-------------------	-----------

Costs

AFE	Vendor	Description	Cost (\$)
2971	MVCI	Supervision & Admin.	265
2971	Aztec Well Service	Rig Operation	1,140

ONGARD
C-115 Disposition Error Report
From 09/03/1995 Onwards

6 Sep 95 - 08:24:38
Page 3

OGRID	YY	MM	POOL	PROP	CD	3	Pod	Bom	Disp	Vol	TRNSP	CD	4	Eom	Proc.	C115	Entered	CTRL	Err
21281	1995	7	71599	10494	0	2382010	147	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
21281	1995	7	71599	10578	0	2367710	7	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
21281	1995	7	71629	10517	0	2397850	154	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1568	
21281	1995	7	71629	10575	G	2349010	0	1800	14538	D	0	0	0	0	09-03-1995	08-29-1995	000000242	V1568	
21281	1995	7	71629	15246	G	2349610	0	2372	14538	D	0	0	0	0	09-03-1995	08-29-1995	000000242	V1564	
21281	1995	7	71629	2815068	0	2815068	0	38474	14538	D	0	0	0	0	09-03-1995	08-29-1995	000000242	V1564	
21281	1995	7	72319	10476	0	2419910	139	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
21281	1995	7	72319	10494	0	2382010	24	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
21281	1995	7	72319	10495	0	2380710	107	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
21281	1995	7	72319	10541	0	2419710	114	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000242	V1563	
26478	1995	7	13160	10354	G	2325330	0	260	0	0	U	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	494	9171	D	0	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	477	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	262	0	0	D	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	1132	9171	D	0	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	379	22628	D	0	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	15	0	0	D	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	46	0	0	U	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	1635	9171	D	0	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	181	12852	D	0	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0	0	09-03-1995	08-29-1995	000000198	V1562	
26478	1995	7	13320	10385	G	2325310	0	0	0	0	M	0	0</						

SEP 12 1935

OUT COM. DIV.
FBI

Well Summary

API	300451185700	Field Name	BASIN DK	Area	EAST	Operator		County	SAN JUAN	State/Province	NEW MEXICO
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	Casing Flange Elev (ft)	0.00	KB-Ground Distance (ft)	14.00	KB-Casing Flange Distance (ft)	6369.00	Spud Date	11/13/66

Location

East-West Distance (ft)	From E or W Line	North-South Distance (ft)	From N or S Line
1165.0	E	1485.0	N
Latitude (DMS)	Longitude (DMS)		
36° 28' 34.248" N	107° 41' 59.28" W		
Legal Survey Type	Surface Legal Location		
Dwight's	NMPM-26N-8W-20-SE NE		

Wellhead

Wellhead						
Section	Make	Model	Working Pressure (psi)	Service		
Top Connection Type	Top Sz (in)	Top WP (psi)	Bottom Connection Type	Btm Sz (in)	Btm WP (psi)	

Casing Strings

Des	Run	Btm (ftKB)	Com
SURFACE CASING	11/14/66	306.0	
PRODUCTION CASING	12/3/66	6,775.0	

Tubing Strings

Des	Run	Pulled	Btm (ftKB)
Primary Tubing	3/13/96		6,625.0

Rods

Des	Run	Pulled	Btm (ftKB)

Other In Hole

Des	Run	Pull	Top (ftKB)	OD (in)	ID (in)

Wellbore

Name		Profile Type		VS Dir (°)	
Main Hole					
Sz (in)	Top (ftKB)	Btm (ftKB)	Start	End	
12 1/4	14.0	316.0		11/13/66	
7 7/8	316.0	6,775.0		11/29/66	

Zones

Zone	Pool	Top (ftKB)	Bottom (ftKB)
Producing Zone	Dakota		
Status Date	Zn Stat	Fluid Type	
1/24/00			

Perforations

Date	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)
12/16/66	6,488.0	6,586.0	0.6
12/16/66	6,642.0	6,650.0	0.3
12/14/66	6,680.0	6,726.0	0.3

Logs

Date	Type	Incr (ftKB)	Hole
12/2/66	DEN (WV54 LogRun)		Main Hole
12/2/66	IND (WV54 LogRun)		Main Hole
12/13/66	GR-CBL (WV54 LogRun)		Main Hole

Pumping Unit

Pumping Unit					
Type	Make	Model	Serial Number		
Installation Date	Maximum Rod Load (100lbf)	Current Stroke Length (in)	Maximum Stroke Length (in)	Sheave Size (in)	
Gear Box Description	Gear Box SN	Gear Box Ratio	Max In Torq (1000in-lbs)	Last Overhaul Date	

ONGARD
C-115 Disposition Error Report
From 09/03/1995 Onwards6 Sep 95 - 08:24:38
Page 4

OGRID	YY	MM	POOL	PROP	CD	3	Pod	Bom	Disp	Vol	TRNSP	CD	4	Eom	Proc.	C115	Entered	CTRL	Err
														Amt	Date	Date	Date	Num	Code
26485	1995	7	52250	6993	G		1369330	0	3903	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	52250	7420	G		2813609	0	8458	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	52250	7548	G		2813608	43	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	52250		G		1818730	0	198	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	52250		G		1818710	464	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	52250		W		1818750	0	74	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	56405	7353	G		1313130	0	22	0	U			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	56405		G		1313110	0	850	5097	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	56405		O		1313110	0	278	18053	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	56405		O		1313110	38	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	56405		W		1313150	0	104	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	59945	13280	O		2809010	79	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	75080	13350	O		2813410	145	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	75080		O		2813410	145	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	6863	G		1697530	0	3229	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		G		2808890	0	1662	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		O		1697530	88	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		O		1697530	88	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	7415	G		1856030	0	244	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		W		1697550	0	4385	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		G		1856030	0	4385	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		G		1856030	264	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	14784	O		1378310	0	2	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	6929	G		1364530	0	3056	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	6969	G		1368930	0	1259	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		G		1716830	0	240	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		W		1368950	0	321	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		W		1716850	0	7168	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	7153	G		1726630	0	0	0	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	14315	O		1727210	0	0	20445	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		O		1727210	0	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	14324	G		2810230	0	3037	20809	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480	14370	O		1727210	0	178	17242	D			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		O		1727210	171	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	76480		O		1727210	28	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562
26485	1995	7	81470	14796	O		1757210	0	0	0	M			0	09-03-1995	08-29-1995	08-29-1995	000000226	V1562

RECEIVED
SEP 1 2 1995OIL CON. DIV.
DIST. 3

Well History

API	300451185700	Field Name	BASIN DK	Area	EAST	County	SAN JUAN	State/Province	NEW MEXICO	Operator		License No	
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	KB-CF (ft)	6369.00	KB-Tubing Head Distance (ft)	6369.00	Plug Back Total Depth (ftKB)		Spud Date	11/13/66	Rig Release Date	

Date	Event
11/14/66	Casing:Run - Des: SURFACE CASING; Btm: 306.0 ftKB
11/14/66	Cement:Start - Com: Cement clrc
12/2/66	Logs:Date - Type: DEN (WV54 LogRun)
12/2/66	Logs:Date - Type: IND (WV54 LogRun)
12/3/66	Casing:Run - Des: PRODUCTION CASING; Btm: 6,775.0 ftKB
12/3/66	Cement:Start - Com: TOC unknown (unable to determine from CBL). DV @ 2255' & 4770'. 1st stg 375sx, 2nd stg 470sx, 3rd stg 685sx.
12/13/66	Cement:Start - Des: CEMENT PLUG
12/13/66	Logs:Date - Type: GR-CBL (WV54 LogRun)
12/14/66	Stims/Treats:Date - Type: Acid Squeeze; Com: Not mapped: stimulation.user2 = 7 1/2% HCl
	Not mapped: stimulation.user1 = Dakota
	500 G @ 3.5 bpm @ 2700#. Swab in, unable to kill, had to mix 9.8# salt water.
12/14/66	Perforations:Date - Top: 6,680.0 ftKB; Btm: 6,726.0 ftKB; Shot Dens: 0.3 shots/ft
12/15/66	Stims/Treats:Date - Type: Fracture; Com: Not mapped: stimulation.user2 = Water
	Not mapped: stimulation.user1 = Dakota
	47,700 G w/ 30,000# 20/40 & 5000# 10/20 & 500# 12/20 glass. ATP=3900# @ 40 bpm, ISIP=2400#. Spearhead w/ 500 G 7 1/2% HCl.
12/16/66	Stims/Treats:Date - Type: Fracture; Com: Not mapped: stimulation.user2 = Water
	Not mapped: stimulation.user1 = Dakota
	64,770 G w/ 40,000# 20/40 & 25,000# 10/20 & 500# 12/20 glass. BD @ 2050#, ATP=3640# @ 56 bpm, ISIP=1800#. Spearhead w/ 500 G 7 1/2% HCl & dropped 15 BS.
12/16/66	Perforations:Date - Top: 6,488.0 ftKB; Btm: 6,586.0 ftKB; Shot Dens: 0.6 shots/ft
12/16/66	Perforations:Date - Top: 6,642.0 ftKB; Btm: 6,650.0 ftKB; Shot Dens: 0.3 shots/ft
3/13/96	Tubing:Run - Des: Primary Tubing; Btm: 6,625.0 ftKB

OGRID	VY	MM	POOL	PROP	CD	Pod	Bom	Disp	Vol	TRNSP	CD	Eom	Proc.	C115	Entered	CTRL	Err
					3					4		Amt	Date	Date	Date	Num	Code
143199	1995	4	47390	14970	0	5910	340	0	0	0	M	0	09-17-1995	05-27-1995	06-09-1995	001019971	V1562
					0	5910	0	0	15694	M		0	09-17-1995	05-27-1995	06-09-1995	001019971	V1562
					W	5950	0	149	0	D		0	06-09-1995	05-27-1995	06-09-1995	001019971	V1562
144554	1995	4	22800	1581	0	0	0	197	24650	0	D	0	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
					G	24650	0	6581	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
					G	24650	0	6581	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1564
					G	24650	0	6581	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1565
					G	24650	0	6581	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1566
					G	498910	0	0	0	D		347	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
					0	498910	0	0	0	M		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1564
					0	498910	0	0	21822	M		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
					0	498910	0	0	21822	M		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1564
					0	498910	0	0	21822	0		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
144554	1995	4	22800	1582	G	489910	0	9192	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1562
					G	489910	0	9192	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1564
					G	489910	0	9192	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1565
					G	489910	0	9192	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019973	V1566
144554	1995	4	76480	1583	G	490230	0	286	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1562
					G	490230	0	286	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1564
					G	490230	0	286	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1565
					G	490230	0	286	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1566
144554	1995	4	76480	1584	G	489730	0	9310	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019974	V1562
					G	489730	0	9310	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019974	V1564
					G	489730	0	9310	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019974	V1565
					G	489730	0	9310	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019974	V1566
					G	490130	0	3103	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1562
					G	490130	0	3103	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1564
					G	490130	0	3103	0	D		0	09-17-1995	07-12-1995	07-14-1995	001019972	V1565
146781	1995	4	5890	17192	0	549810	199	0	0	M		0	09-17-1995	07-03-1995	07-13-1995	001019975	V1564

Daily Summary										SLICKLIN	
API 300451185700		Field Name BASIN DK		Area EAST		County SAN JUAN		State/Province NEW MEXICO		Operator	
KB Elev (ft) 6369.00		Ground Elev (ft) 6355.00		KB-CF (ft) 6369.00		KB-Tubing Head Distance (ft) 6369.00		Plug Back Total Depth (ftKB)		License No	
Start								Spud Date 11/13/66		Rig Release Date	

[illegible]

OGRID	VV	MM	POOL	PROP	CD	Pod	Bom	Disp Vol	TRNSP	CD	Eom Amt	Proc. Date	C115 Date	Entered Date	CTRL Num	Err Code
143199	1995	4	10830	14968	0	6010	0	345	15694	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1564
					0	6010	69	0	0	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	6010	69	0	0	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1564
					0	6010	0	0	15694	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	6010	0	0	15694	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1564
					W	6050	0	385	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
143199	1995	4	47390	14969	G	0	0	15	0	U	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					G	5830	0	813	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					G	5830	0	813	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1565
					0	5810	0	533	15694	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	5810	0	533	15694	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1566
					0	5810	0	0	0	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	5810	304	0	0	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					W	5810	0	0	15694	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	5850	0	89	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
143199	1995	4	47390	14970	G	0	0	15	0	U	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					G	5930	0	137	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					G	5930	0	137	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1565
					0	5910	0	177	15694	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	5910	0	0	0	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					0	5910	0	0	15694	M	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
					W	5950	0	149	0	D	0	09-24-1995	05-24-1995	05-31-1995	001020533	V1562
144229	1995	4	960	16980	G	1366830	0	1423	0	D	0	09-24-1995	07-15-1995	07-24-1995	001020534	V1565
144229	1995	4	960	16981	G	1366530	0	79	0	D	0	09-24-1995	07-15-1995	07-24-1995	001020534	V1565
144554	1995	4	22800	1581	G	0	0	197	24650	0	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	24650	0	6581	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	24650	0	6581	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	24650	0	6581	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	24650	0	6581	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1568
					0	498910	347	0	0	M	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
144554	1995	4	22800	1582	0	498910	347	0	0	M	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	489910	0	9192	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	489910	0	9192	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	489910	0	9192	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	489910	0	9192	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1568
144554	1995	4	76480	1583	G	490230	0	286	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	490230	0	286	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	490230	0	286	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	490230	0	286	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1568
144554	1995	4	76480	1584	G	489730	0	9548	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	489730	0	9548	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	489730	0	9548	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1568
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1562
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1564
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1565
					G	490130	0	3183	0	D	0	09-24-1995	06-08-1995	06-12-1995	001020535	V1568

(RCB 1/24/00)

Current Schematic

County **SAN JUAN**

State/Province **NEW MEXICO**

Field Name **BASIN DK**

Area **EAST**

Operator

KB-Casing Flange Distance (ft) **6369.00**

Spud Date **11/13/66**

185700

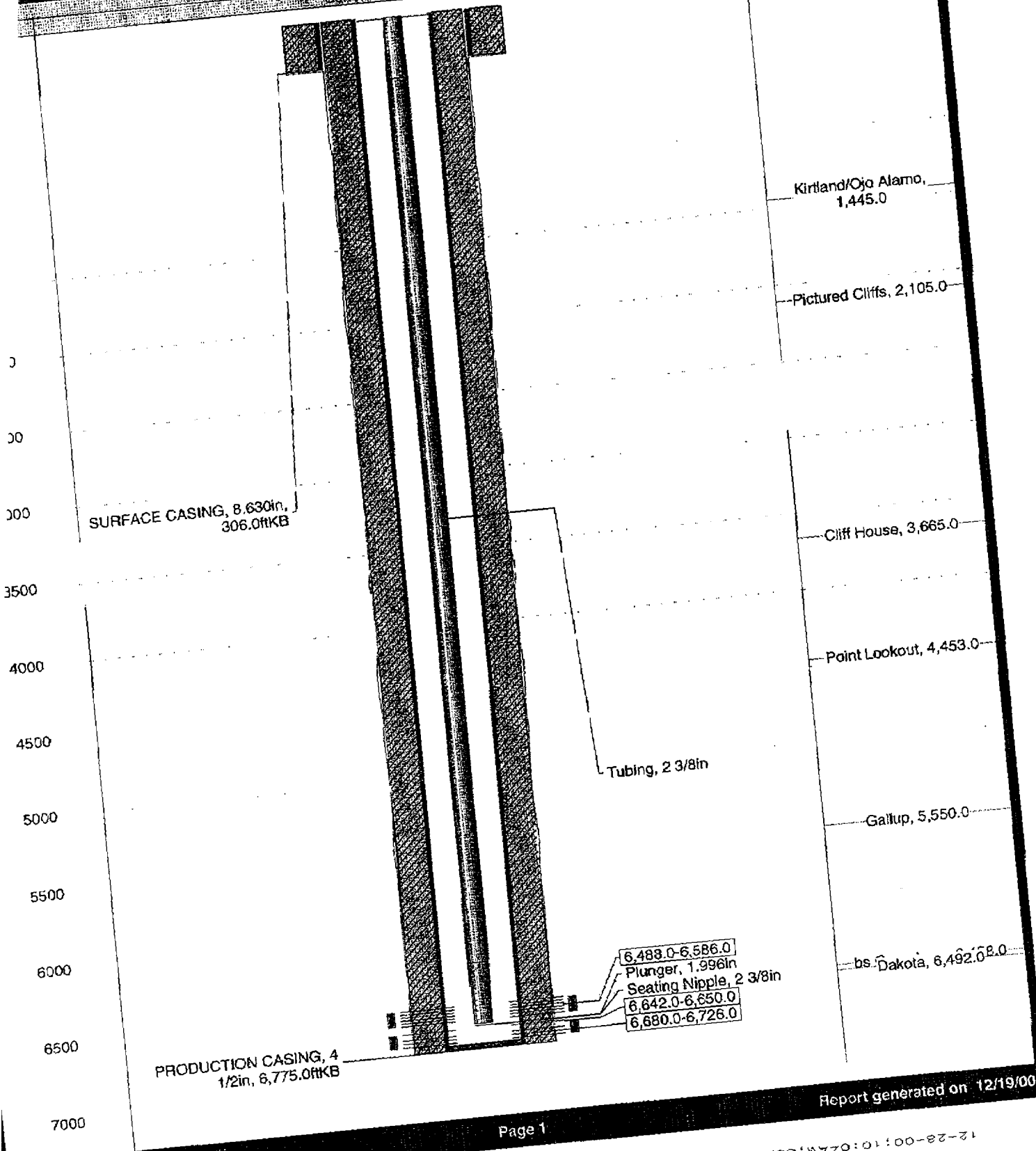
Ground Elev (ft) **6355.00**

Casing Flange Elev (ft) **0.00**

KB-Ground Distance (ft) **14.00**

Main Hole: 3/13/96 (KB-Grd: 14.00)
Schematic: Actual

Geology



Report generated on 12/19/00

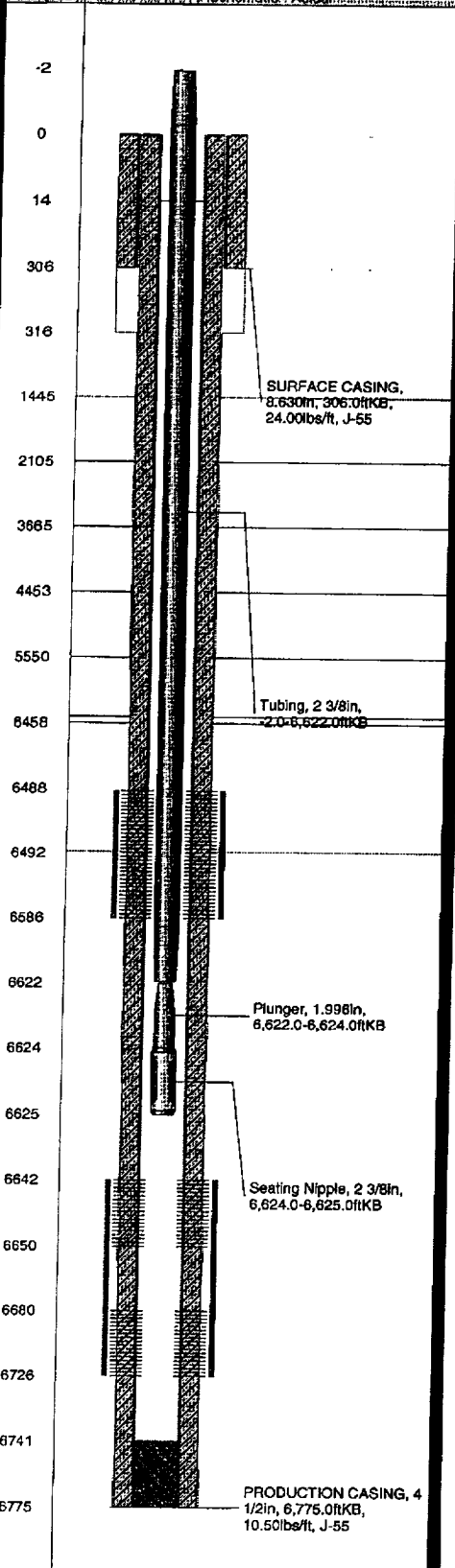
OGRID	YY	MM	POOL	API	WELL	Mc St Cd	Prod Vol (Oil)	Prod Vol (Water)	Prod Vol (Gas)	Processing Date	C115 Date	Entered Date	CTRL Num	Err Code
5073	1994	12	62965	30-025-	25197	I	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1521
5073	1995	2	62965	30-025-	25197	I	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1521
5073	1995	3	72319	30-039-	07398	F	7	70	3358	09-03-1995	07-16-1995	08-24-1995	000000037	V1523
5073	1995	4	72319	30-039-	07398	F	5	5	3640	09-03-1995	07-16-1995	08-24-1995	000000037	V1523
5073	1995	5	72319	30-039-	07398	F	2	3	4395	09-03-1995	07-16-1995	08-24-1995	000000037	V1523
5073	1995	6	1900	30-025-	00368	D	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	27199	30-045-	20772	F	0	0	4	09-03-1995	07-16-1995	08-24-1995	000000037	V1505
5073	1995	6	43329	30-025-	99020	P	43	78	263	09-03-1995	07-16-1995	08-24-1995	000000037	V1521
5073	1995	6	60240	30-025-	07029	P	5	0	4453	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	71599	30-039-	21636	A	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	71599	30-045-	22077	S	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	71599	30-045-	22078	F	0	0	3811	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	72319	30-039-	07398	F	68	2	2908	09-03-1995	07-16-1995	08-24-1995	000000037	V1523
5073	1995	6	72319	30-039-	20316	S	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	72319	30-039-	21094	S	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1521
5073	1995	6	72319	30-039-	53980	F	21	23	3538	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	72439	30-039-	21754	S	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	72439	30-039-	22239	F	0	0	797	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	74640	30-015-	27186	P	7385	49480	33821	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	74640	30-015-	27908	F	4405	17972	33128	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	76480	30-025-	24529	F	110	55	15597	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	76480	30-025-	32630	F	130	1473	1786	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	96034	30-025-	32473	F	779	86	31781	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	96034	30-025-	32530	P	113	4450	956	09-03-1995	07-16-1995	08-24-1995	000000037	V1522
5073	1995	6	96247	30-025-	07844	A	0	0	0	09-03-1995	07-16-1995	08-24-1995	000000037	V1522

17700 841610
SEP 1 2 1995 10
OIL COM. DIV.
15376.3

Perforation Detail Report

API	300451185700	Field Name	BASIN DK	Area	EAST	County	SAN JUAN	State/Province	NEW MEXICO	Operator		License No	
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	KB-CF (ft)	6369.00	KB-TH (ft)	6369.00	PBTD (ftKB)		Spud Date	11/13/66	Rig Release Date	

Main Hole 13/96 (KB:Grd:14.0N)
 (ftKB (MD)) Full Schematic Active



Perforations: At 6,488.0-6,586.0 on 12/16/66

Date	12/16/66	Top (ftKB)	6,488.0	Bottom (ftKB)	6,586.0	Shot Density (shots/ft)	0.6	Phasing (°)	
Perf Comp	Type	Gun Size (in)	Carrier Make	Carrier Description	Charge Type	Charge Make	Charge Sz (g)		
Over/Under Bal	Over/Under Pres (psi)	P (init surt)	P (final surt)	Fluid Type	Dens Fluid (lb/gal)	FL MD before (ftKB)	FL MD after (ftKB)		

Perforation Status

Date	Status	Com
------	--------	-----

Perforations: At 6,642.0-6,650.0 on 12/16/66

Date	12/16/66	Top (ftKB)	6,642.0	Bottom (ftKB)	6,650.0	Shot Density (shots/ft)	0.3	Phasing (°)	
Perf Comp	Type	Gun Size (in)	Carrier Make	Carrier Description	Charge Type	Charge Make	Charge Sz (g)		
Over/Under Bal	Over/Under Pres (psi)	P (init surt)	P (final surt)	Fluid Type	Dens Fluid (lb/gal)	FL MD before (ftKB)	FL MD after (ftKB)		

Perforation Status

Date	Status	Com
------	--------	-----

Perforations: At 6,680.0-6,726.0 on 12/14/66

Date	12/14/66	Top (ftKB)	6,680.0	Bottom (ftKB)	6,726.0	Shot Density (shots/ft)	0.3	Phasing (°)	
Perf Comp	Type	Gun Size (in)	Carrier Make	Carrier Description	Charge Type	Charge Make	Charge Sz (g)		
Over/Under Bal	Over/Under Pres (psi)	P (init surt)	P (final surt)	Fluid Type	Dens Fluid (lb/gal)	FL MD before (ftKB)	FL MD after (ftKB)		

Perforation Status

Date	Status	Com
------	--------	-----

OGRID	YY	MM	POOL	API	WELL	Wc St Cd	INJ CD	Vol 2	Prod		Prod		Prod		Entered	CTRL	Err Code
									Vol (Oil)	Vol (Water)	Vol (Gas)	Processing Date	C115 Date	Num			
5073	1995	6	96343	30-025	33266	P	0	1788	5525	1693	09-03-1995	07-16-1995	08-24-1995	00000037	V1522		
14538	1995	7	2170	30-045	26261	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	64607	30-039	20240	S	0	1500	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	47540	30-045	25845	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	48020	30-039	22865	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	66725	30-039	25409	F	0	33331	0	33331	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71280	30-045	60263	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521		
14538	1995	7	71439	30-039	20981	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71599	30-045	12041	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521		
14538	1995	7	71599	30-045	26849	T	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	22598	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	24361	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	24500	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	24501	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	24929	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-039	25213	F	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1523		
14538	1995	7	71629	30-039	25293	F	0	0	0	529	09-03-1995	08-29-1995	08-29-1995	000000259	V1523		
14538	1995	7	71629	30-039	25331	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-045	06241	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-045	06554	F	0	0	0	13358	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-045	11411	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-045	23519	F	0	0	0	1469	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	71629	30-045	25091	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522		
14538	1995	7	72319	30-039	09106	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521		
14538	1995	7	72319	30-039	09227	F	0	0	0	1774	09-03-1995	08-29-1995	08-29-1995	000000259	V1521		

10
 9
 8
 7
 6
 5
 4
 3
 2
 1

Stimulation Summary

API	300451185700	Field Name	BASIN DK	Area	EAST	County	SAN JUAN	State/Province	NEW MEXICO	Operator		License No	
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	KB-CF (ft)	6369.00	KB-Tubing Head Distance (ft)	6369.00	Plug Back Total Depth (ftKB)		Spud Date	11/13/66	Rig Release Date	

Stims/Treats: Acid Squeeze on 12/14/66

Type	Acid Squeeze	Hole	Main Hole	Zone		Stim/Treat Company		P(si-pre) (psi)	P(si-post) (psi)
Diversion Method		Diversion Contractor		Propant In Formation (lb)		Propant In Wellbore (lb)			

Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (Filter Size (in))	Method	Description	Comment
------------	------------	-------------------------------	--------	-------------	---------

Stim/Treat Stages: 1, 1st Stage

Stage No	Stage Type	Top (ftKB)	Bottom (ftKB)	Q(init fld) (gpm)	Q(fin fld) (gpm)	V(pumped) (bbl)	V(recov) (bbl)
1	1st Stage	6,680.0	6,726.0				
Breakdown Pressure (psi)	Tubing Pressure Start (psi)	Tubing Pressure End (psi)	Casing Pressure Start (psi)	Casing Pressure End (psi)			

Stims/Treats: Fracture on 12/15/66

Type	Fracture	Hole	Main Hole	Zone		Stim/Treat Company		P(si-pre) (psi)	P(si-post) (psi)
Diversion Method		Diversion Contractor		Propant In Formation (lb)		Propant In Wellbore (lb)			

Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (Filter Size (in))	Method	Description	Comment
------------	------------	-------------------------------	--------	-------------	---------

Stim/Treat Stages: 1, 1st Stage

Stage No	Stage Type	Top (ftKB)	Bottom (ftKB)	Q(init fld) (gpm)	Q(fin fld) (gpm)	V(pumped) (bbl)	V(recov) (bbl)
1	1st Stage	6,642.0	6,726.0				
Breakdown Pressure (psi)	Tubing Pressure Start (psi)	Tubing Pressure End (psi)	Casing Pressure Start (psi)	Casing Pressure End (psi)			

Stims/Treats: Fracture on 12/16/66

Type	Fracture	Hole	Main Hole	Zone		Stim/Treat Company		P(si-pre) (psi)	P(si-post) (psi)
Diversion Method		Diversion Contractor		Propant In Formation (lb)		Propant In Wellbore (lb)			

Stim/Treat Fluids

Fluid Name	Fluid Type	Dens Fluid (Filter Size (in))	Method	Description	Comment
------------	------------	-------------------------------	--------	-------------	---------

Stim/Treat Stages: 1, 1st Stage

Stage No	Stage Type	Top (ftKB)	Bottom (ftKB)	Q(init fld) (gpm)	Q(fin fld) (gpm)	V(pumped) (bbl)	V(recov) (bbl)
1	1st Stage	6,488.0	6,586.0				
Breakdown Pressure (psi)	Tubing Pressure Start (psi)	Tubing Pressure End (psi)	Casing Pressure Start (psi)	Casing Pressure End (psi)			

OGRID	YY	MM	POOL	API	WELL	CD	Wc St	Prod Vol (Oil)	Prod Vol (Water)	Prod Vol (Gas)	Processing Date	C115 Date	Entered Date	CTRL Num	Err Code
14538	1995	7	72319	30-039-	11434	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	72319	30-039-	21803	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	72319	30-045-	07394	F	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	72359	30-045-	29209	F	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	72439	30-039-	25268	F	0	0	0	15257	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	72439	30-039-	25369	F	0	0	0	328	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77200	30-045-	06254	F	0	0	0	502	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77200	30-045-	06554	F	0	0	1	931	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77200	30-045-	07577	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	77200	30-045-	29066	F	0	0	0	1201	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77360	30-039-	21127	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77360	30-039-	22129	F	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77440	30-039-	25270	F	0	0	0	1553	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77440	30-039-	25362	F	0	0	0	575	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	77440	30-039-	25381	F	0	98	0	236	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	79680	30-045-	28932	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	82329	30-039-	21979	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	85920	30-039-	06530	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	85920	30-039-	21288	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
14538	1995	7	87360	30-039-	25457	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	94517	30-045-	20746	S	0	0	0	0	09-03-1995	08-29-1995	08-29-1995	000000259	V1521
14538	1995	7	96321	30-039-	23937	F	0	47	0	5892	09-03-1995	08-29-1995	08-29-1995	000000259	V1522
20572	1994	1	71629	30-045-	24552	P	0	0	0	4	09-03-1995	08-20-1995	08-29-1995	000000025	V1521
20572	1994	1	71629	30-045-	24553	P	0	0	0	173	09-03-1995	08-20-1995	08-29-1995	000000025	V1522
20572	1994	1	71629	30-045-	28862	G	0	0	0	3524	09-03-1995	08-20-1995	08-29-1995	000000025	V1509

Tubing String Summary

API 300451185700	Field Name BASIN DK	Area EAST	County SAN JUAN	State/Province NEW MEXICO	Operator	License No
KB Elev (ft) 6369.00	Ground Elev (ft) 6355.00	KB-CF (ft) 6369.00	KB-TH (ft) 6369.00	Plug Back Total Depth (ftKB) 6369.00	Spud Date 11/13/66	Rig Release Date

Tubing Strings: Primary Tubing set at 6,625.0 on 3/13/96

Bottom or Set Depth (ftKB) 6,625.0	Set Tension (lbf)	String Max Nominal OD (in) 2 3/8	String Drift Min (in)	Comment
---------------------------------------	-------------------	-------------------------------------	-----------------------	---------

Tubing Components

Jts	Item Desc	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Len (ft)	P(collapse) (psi)	P(burst) (psi)
215	Tubing	2 3/8	1.996	4.70			-2.0	6624.00		
	Plunger	1.996					6,622.0	2.00		
	Seating Nipple	2 3/8	1.780				6,622.0	1.00		

OGRID	YY	MM	POOL	API	WELL	Mc St Cd	INJ Vol 2	CD	Prod Vol (oil)	Prod Vol (Water)	Prod Vol (Gas)	Processing Date	C115 Date	Entered Date	CTRL Num	Err Code
20676	1995	7	19190	30-025-	06741 T		0		0	0	0	09-03-1995	08-23-1995	08-24-1995	000000067	V1522
20676	1995	7	22900	30-025-	06739 I		21018		0	0	0	09-03-1995	08-23-1995	08-24-1995	000000067	V1522
20676	1995	7	22900	30-025-	06756 T		0		0	0	0	09-03-1995	08-23-1995	08-24-1995	000000067	V1522
20676	1995	7	78080	30-025-	06742		0 G		0	0	0	09-03-1995	08-23-1995	08-24-1995	000000067	V1509
21281	1995	7	27194	30-039-	24329 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1521
21281	1995	7	66725	30-045-	23368 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	71599	30-045-	19330 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1521
21281	1995	7	71599	30-045-	25923 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	71629	30-045-	06642 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1523
21281	1995	7	71629	30-045-	07638 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	71629	30-045-	20532 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1523
21281	1995	7	71629	30-045-	25992 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	71629	30-045-	28934 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1523
21281	1995	7	75680	30-045-	24802 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	77200	30-039-	23473 T		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
21281	1995	7	77200	30-045-	20532 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1523
21281	1995	7	85920	30-039-	25443 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000242	V1522
26478	1995	7	13160	30-025-	30683 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000198	V1522
26478	1995	7	13160	30-025-	31233 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000198	V1522
26478	1995	7	13195	30-025-	25448 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000198	V1522
26478	1995	7	13320	30-025-	32125 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000198	V1523
26478	1995	7	49635	30-015-	23818 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000198	V1522
26478	1995	7	70310	30-015-	02320 S		0		0	0	9122	09-03-1995	08-29-1995	08-29-1995	000000198	V1521
26485	1995	7	30214	30-025-	30524 S		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000226	V1522
26485	1995	7	33820	30-025-	09565 P		0		0	0	0	09-03-1995	08-29-1995	08-29-1995	000000226	V1522

RECEIVED
SEP 12 1995
OIL CON. DIV.
DIST. 3

Casing, Liner and Cement Report

API 300451185700	Field Name BASIN DK	Area EAST	County SAN JUAN	State/Province NEW MEXICO	Operator	License No
KB Elev (ft) 6369.00	Ground Elev (ft) 6355.00	Casing Flange Elev (ft) 0.00	Spud Date 11/13/66			
Casing Description SURFACE CASING	Run Date 11/14/66	Pull Date	Hole Main Hole	Btm (ftKB) 306.0	Run Job	

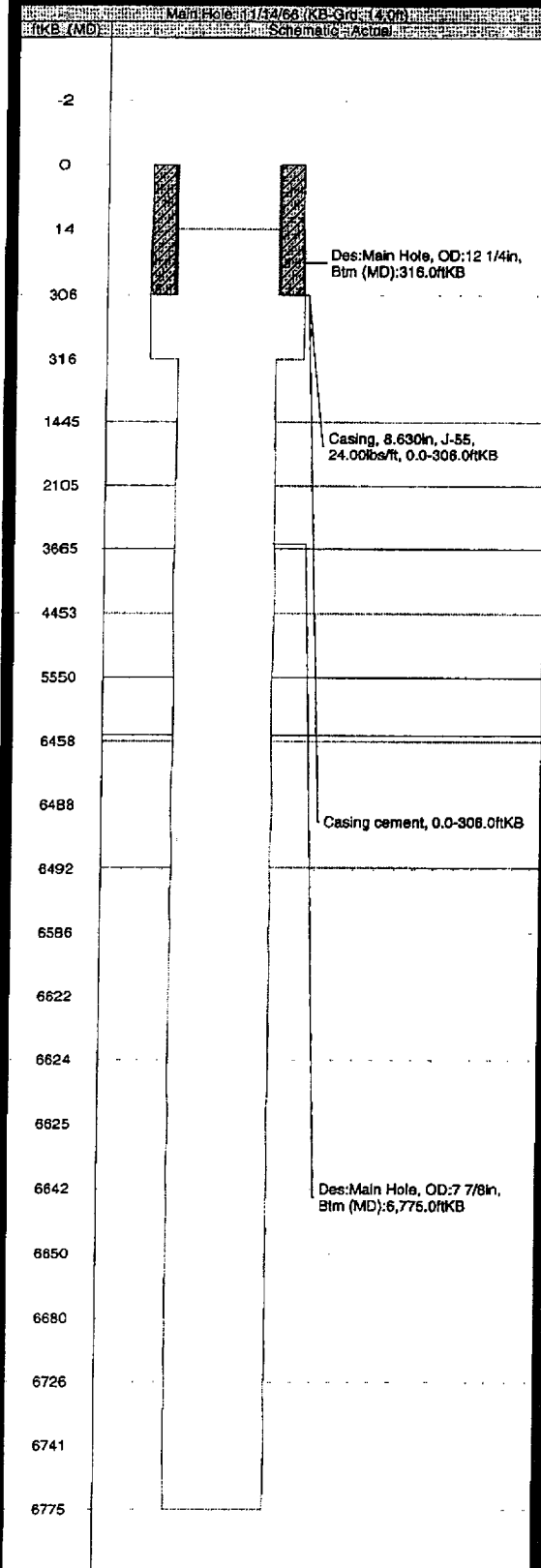
Casing Summary
Casing Components

Jts	Item Desc	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
9	Casing	8.63	8.100	24.00	J-55	0.0	306.0	306.00

Cement Summary

Cement: <na>, casing, 11/14/66

Start Date 11/14/66	End Date	Cementing Company
Evaluation Method	Cement Evaluation Results	Comment Cement circ
Cement Stage: 1, 0.0-306.0		
Top (ftKB) 0.0	Bottom (ftKB) 306.0	P(final) (psi)
Plug FIP (bump) (psi)	Float FIP (held) (psi)	Comnt Rtn (bbl)
Q(start) (bbl/min)	Q(end) (bbl/min)	Q(avg) (bbl/min)
Recip?	Stroke (ft)	Recip R/rotated?
Pipe RPM (rpm)		
Type	Amt (sacks) 250	Class
Density (lb/gal)	Mix Wat Ratio (gal/sack)	Yield (ft ³ /sack)
V (bbl)	Excess (%)	

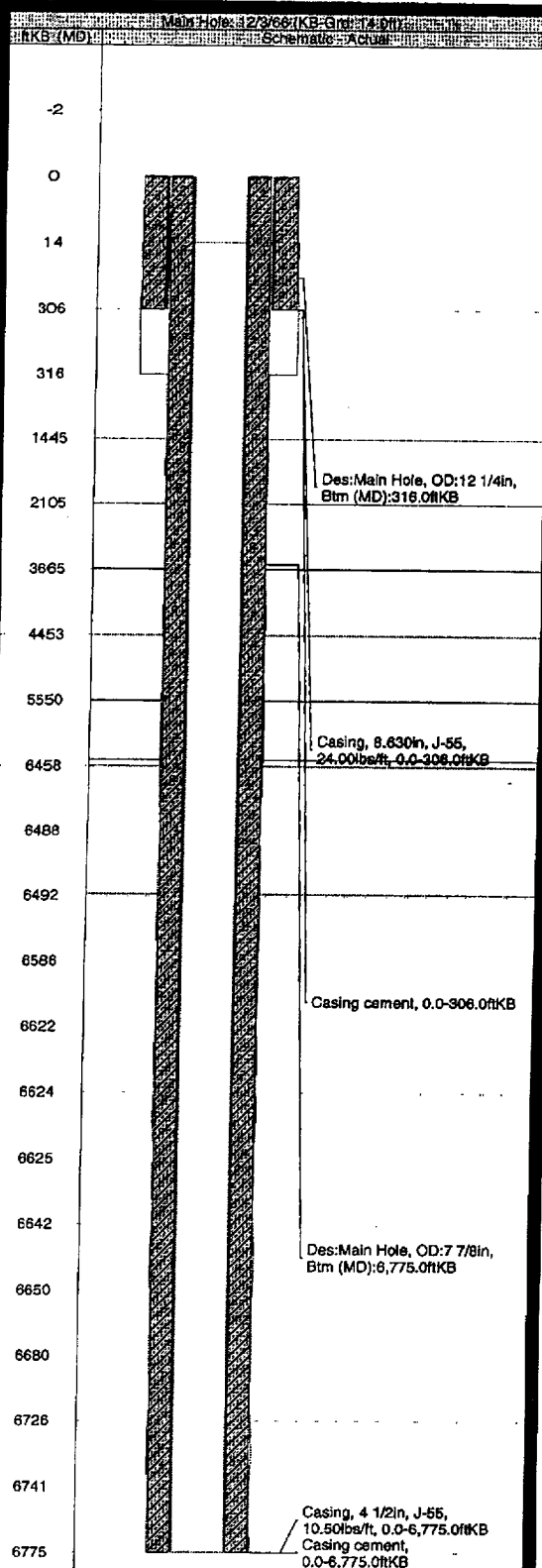


OGRID	YY	MM	POOL	API	WELL	MC	Prod	Prod	Prod	Entered	CTRL	Err	
						St	Vol 1	Vol 2	Vol (Oil)		Vol (Water)	Vol Processing (Gas)	C115 Date
26485	1995	7	33820	30-025	09597	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	37240	30-025	11595	P	0	0	0	2215 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	51689	30-025	32396	P	0	1066	4497	1725 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	51689	30-025	32864	P	0	1412	3952	1547 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	52250	30-025	03290	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1521
26485	1995	7	52250	30-025	03298	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	52250	30-025	11937	P	0	0	0	3903 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	59945	30-025	32540	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	64450	30-015	28065	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	64450	30-015	28066	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	75080	30-025	31513	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1523
26485	1995	7	76480	30-025	04844	F	0	0	0	4385 09-03-1995	08-29-1995	000000226	V1521
26485	1995	7	79240	30-025	32195	F	0	0	0	7168 09-03-1995	08-29-1995	000000226	V1523
26485	1995	7	82927	30-025	30331	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1522
26485	1995	7	83810	30-025	28114	S	0	0	0	0 09-03-1995	08-29-1995	000000226	V1523

09-03-1995 08:24:35
R3063C115R03A
ONGARD
C-115 Injection / Production
From 09/03/1995 Onwards
Page 5

Casing, Liner and Cement Report

API 300451185700	Field Name BASIN DK	Area EAST	County SAN JUAN	State/Province NEW MEXICO	Operator	License No
KB Elev (ft) 6369.00	Ground Elev (ft) 6355.00	Casing Flange Elev (ft) 0.00	Spud Date 11/13/66			
Casing Description PRODUCTION CASING	Run Date 12/3/66	Pull Date	Hole Main Hole	Btm (ftKB) 6,775.0	Run Job	

Casing Summary
Casing Components

Jts	Item Desc	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)
209	Casing	4 1/2	4.050	10.50	J-55	0.0	6,775.0	6775.00

Cement Summary

Cement: <na>, casing, 12/3/66

Start Date 12/3/66	End Date	Cementing Company
Evaluation Method	Cement Evaluation Results	Comment
		TOC unknown (unable to determine from CBL). DV @ 2255' & 4770'. 1st stg 375sx, 2nd stg 470sx, 3rd stg 685sx.

Cement Stage: 1, 0.0-6,775.0

Top (ftKB)		Bottom (ftKB)		P(final) (psi)		Plug F/P(bump) (psi)		Float F/P(held) (psi)		Cmnt Rtn (bbl)	
0.0		6,775.0						No			
Q(start) (bbl/min)		Q(end) (bbl/min)		Q(avg) (bbl/min)		Recip?		Stroke (ft)		Recip R Rotated?	
										Pipe RPM (rpm)	
Type		Amt (sacks)		Class		Density (lb/gal)		Mix Wat Ratio (gal/sack)		Yield (ft³/sack)	
		1,530								V (bbl)	
										Excess (%)	

ONGARD
C-115 Disposition Error Report
From 12/24/1995 Onwards

27 Dec 95 - 16:31:49
Page 15

OGRID	YY	MM	POOL	PROP	3	CD	Pod	Bom	Disp	Vol	TRNSP	4	CD	Eom	Proc.	C115	Entered	CTRL	Err
																Date	Date	Num	Code
26485	1995	9	13195	14280	0		2325210	73	0	0	M			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					M		2325250	0	159	0	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					M		2325250	0	159	0	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
26485	1995	10	13195	14110	G		2329130	0	4045	9171	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					O		2329110	0	599	22628	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					O		2329110	267	0	0	M			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					M		2329150	0	772	0	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
26485	1995	10	13195	14280	G		2325230	0	2026	9171	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					G		2325230	0	2026	9171	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					O		2325210	0	143	12835	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					O		2325210	0	143	12835	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					O		2325210	113	0	0	M			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1562
					O		2325210	113	0	0	M			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					M		2325250	0	89	0	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
					M		2325250	0	89	0	D			0	12-24-1995	12-19-1995	12-19-1995	000000236	V1564
138695	1995	8	73960	17265	G		2043050	0	772	15629	D			0	12-24-1995	10-19-1995	10-23-1995	001025160	V1566
					G		2043050	0	772	15629	D			0	12-24-1995	10-19-1995	10-23-1995	001025160	V1568
138695	1995	9	73960	17265	G		2043050	0	752	15629	D			0	12-24-1995	11-27-1995	11-29-1995	001025161	V1566
					G		2043050	0	752	15629	D			0	12-24-1995	11-27-1995	11-29-1995	001025161	V1568

Casing String Summary

API 300451185700	Field Name BASIN DK	Area EAST	County SAN JUAN	State/Province NEW MEXICO	Operator	License No
KB Elev (ft) 6369.00	Ground Elev (ft) 6355.00	Casing Flange Elev (ft) 0.00	Spud Date 11/13/66	Rig Release Date		

Casing Strings: SURFACE CASING, 306.0

Bottom or Set Depth (ftKB) 306.0	Set Tension (lbf)	String Max Nominal OD (in) 8.63	String Drift Min (in)	Centralizers	Scratchers						
Jls	Item Desc	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)	Burst Pres. (psi)	Collapse Pres. (psi)
9	Casing	8.63	8.100	24.00	J-55		0.0	306.0	306.00		

Casing Strings: PRODUCTION CASING, 6,775.0

Bottom or Set Depth (ftKB) 6,775.0	Set Tension (lbf)	String Max Nominal OD (in) 4 1/2	String Drift Min (in)	Centralizers	Scratchers						
Jls	Item Desc	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Len (ft)	Burst Pres. (psi)	Collapse Pres. (psi)
209	Casing	4 1/2	4.050	10.50	J-55		0.0	6,775.0	6775.00		

Job name:

Interface: Parallel Centronics

Job Status:

Line Ending: CR,LF

Page	Occur	Message
------	-------	---------

Data Encoding: ASCII/8

1	1	An unassigned Font ID index number called out in the document. It was ignored.
---	---	--

Fonts Used:

XCP14-L

Cement Summary

API	300451185700	Field Name	BASIN DK	Area	EAST	Operator		County	SAN JUAN	State/Province	NEW MEXICO
KB Elev (ft)	6369.00	Ground Elev (ft)	6355.00	Casing Flange Elev (ft)	0.00	KB-Ground Distance (ft)	14.00	KB-Casing Flange Distance (ft)	6369.00	Spud Date	11/13/66

Cement: <na>, casing, 11/14/66

Cement Objective					Start Date	11/14/66	End Date			
Cement Stage: 1, 0.0-306.0										
Top (ftKB)		Bottom (ftKB)		Q(start) (bbl/min)	Q(end) (bbl/min)	Q(avg) (bbl/min)	Final Pump Pressure (psi)	Pipe Reciprocated?	Recip. Stroke Length (ft)	
0.0		306.0								
Rotated?	Pipe RPM (rpm)		Top Plug?	Bottom Plug?	P(bump) (psi)	Cement Volume Return (bbl)		Top measurement method	Drill out dia (in)	
			No	No						
Fluid Type			Fluid Descr			Amount (sacks)	Class	V (bbl)	Yield (ft ³ /sack)	Mix Wat Ratio (gal/sac)
						250				
Free Water (%)			Density (lb/gal)		Plastic Viscosity (cp)		Thickening Time (hrs)		1st Compressive Strength (psi)	

Cement: <na>, casing, 12/3/66

Cement Objective					Start Date		12/3/66		End Date	
Cement Stage: 1, 0.0-6,775.0										
Top (ftKB)		Bottom (ftKB)		Q(start) (bbl/min)	Q(end) (bbl/min)	Q(avg) (bbl/min)	Final Pump Pressure (psi)	Pipe Reciprocated?	Recip. Stroke Length (ft)	
0.0		6,775.0								
Rotated?	Pipe RPM (rpm)	Top Plug?		Bottom Plug?	P(bump) (psi)	Cement Volume Return (bbl)		Top measurement method		Drill out dia (in)
		No		No						
Fluid Type			Fluid Descr			Amount (sacks)	Class	V (bbl)	Yield (ft³/sack)	Mix Wat Ratio (gal/sack)
						1,530				
Free Water (%)			Density (lb/gal)		Plastic Viscosity (cp)		Thickening Time (hrs)		1st Compressive Strength (psi)	

Cement: CEMENT PLUG, plug, 12/13/66

Cement Objective					Start Date		12/13/66		End Date		
Cement Stage: 1, 6,741.0-6,775.0											
Top (ftKB)		Bottom (ftKB)		Q(start) (bbl/min)	Q(end) (bbl/min)	Q(avg) (bbl/min)	Final Pump Pressure (psi)		Pipe Reciprocated?	Recip. Stroke Length (ft)	
6,741.0		6,775.0									
Rotated?	Pipe RPM (rpm)		Top Plug?	Bottom Plug?	P(bump) (psi)	Cement Volume Return (bbl)		Top measurement method		Drill out dia (in)	
			No	No							
Fluid Type			Fluid Descr			Amount (sacks)		Class	V (bbl)	Yield (ft ³ /sack)	Mix Wet Ratio (gal/sack)
CEMENT PLUG											
Free Water (%)		Density (lb/gal)		Plastic Viscosity (cp)		Thickening Time (hrs)		1st Compressive Strength (psi)			

OGR ID	YY	MM	POOL	PROP	CD	3	Pod	Bom	Disp	CD	Eom	Proc.	C115	Entered	CTRL	Err
									Vol	4	Amt	Date	Date	Date	Num	Code
143199	1995	8	47390	14970	G		5930	0	222	D	0	01-28-1996	09-30-1995	01-17-1996	001026472	V1562
					O		5910	0	177	D	0	01-28-1996	09-30-1995	01-17-1996	001026472	V1562
					O		5910	279	0	M	0	01-28-1996	09-30-1995	01-17-1996	001026472	V1562
					O		5910	0	0	M	0	01-28-1996	09-30-1995	01-17-1996	001026472	V1562
					W		5950	0	210	D	0	01-28-1996	09-30-1995	01-17-1996	001026472	V1562
145943	1995	8	71599	15475	G		7330	0	1052	D	0	01-28-1996	11-30-1995	01-17-1996	001026474	V1562
					O		7310	62	0	M	0	01-28-1996	11-30-1995	01-17-1996	001026474	V1562
145982	1995	8	84860	16075	G		2310130	0	752	D	0	01-28-1996	09-26-1995	01-17-1996	001026475	V1562
147727	1995	8	22230	3556	O		862510	55	0	M	0	01-28-1996	10-09-1995	01-17-1996	001026479	V1562
147727	1995	8	22230	3557	O		862410	48	0	M	0	01-28-1996	10-09-1995	01-17-1996	001026479	V1562
147727	1995	8	22230	3558	O		862710	40	0	M	0	01-28-1996	10-09-1995	01-17-1996	001026479	V1562
147727	1995	8	51510	3559	O		862610	57	0	M	0	01-28-1996	10-09-1995	01-17-1996	001026479	V1562
148219	1995	9	39179	17557	W		0	0	17	S	0	01-28-1996	12-26-1995	01-10-1996	001026480	V1570
148394	1995	8	77920	8824	G		0	0	276	U	0	01-28-1996	09-20-1995	01-17-1996	001026481	V1562
					G		2058630	0	8955	D	0	01-28-1996	09-20-1995	01-17-1996	001026481	V1562
					O		2058610	117	0	M	0	01-28-1996	09-20-1995	01-17-1996	001026481	V1562
					W		2058650	0	3	D	0	01-28-1996	09-20-1995	01-17-1996	001026481	V1562
148454	1995	8	56439	17473	W		2815913	0	131	D	0	01-28-1996	09-16-1995	09-29-1995	001026482	V1565