



2400 ANACONDA TOWER · 555 SEVENTEENTH STREET · DENVER, COLORADO 80202 · 303-825-6100 · TWX 910-931-2620



DIVISION
OIL, GAS & MINING

September 2, 1981

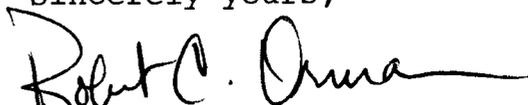
Mr. Cleon B. Feight
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Anschutz Ranch East
No. 14-30
Sec. 30-4N-8E
Summit County, Utah

Dear Jack:

Enclosed please find our APD for the above referenced well along with the survey plats submitted in triplicate. Should any problems or questions arise regarding this location, please feel free to call.

Sincerely yours,


Robert C. Orman
Operations Coordinator

RCO:jad
Enclosures

**STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. Lease Designation and Serial No. Fee
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name
2. Name of Operator The Anschutz Corporation			8. Farm or Lease Name Anschutz Ranch East
3. Address of Operator 555 17th Street, Suite 2400, Denver, CO 80202			9. Well No. 14-30
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1411' FWL & 1192' FSL <u>SE/SW</u> At proposed prod. zone Pursuant to cause No. 183-2			10. Field and Pool, or Wildcat Undesignated
14. Distance in miles and direction from nearest town or post office* 16 mi. S SW of Evanston, WY			11. Sec., T., R., M., or Blk. and Survey or Area 30-4N-8E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1192'	16. No. of acres in lease 640	17. No. of acres assigned to this well 160	
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 13,400	20. Rotary or cable tools Rotary	
21. Elevations (Show whether DF, RT, GR, etc.) 7705' GR			22. Approx. date work will start* 10-1-81

23. **PROPOSED CASING AND CEMENTING PROGRAM**

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/2	13 3/8		5,000'	To surface
12 1/4	9 5/8		11,100	900
8 1/2	7		TD	

This well will be drilled to a total depth of 13,400 to test the Chinle formation, TD 200' below tip of Chinle or base of Nugget formation. BOP and Mud programs will be those generally used. Electric logs will be run to TD. Cores are planned for the Nugget. DST will be run at the discretion of the geologist. Casing will be run through the production intervals. Fracing/or acidizing may be required to stimulate production. Blanket bond is on file.

[Handwritten signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on production zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Robert C. Orman Title Operations Coordinator Date 9-1-81

(This space for Federal or State office use)

Permit No. Approval Date
Approved by Title
Conditions of approval, if any:

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: 10/20/81
BY: Chas B. Knight

*See Instructions On Reverse Side

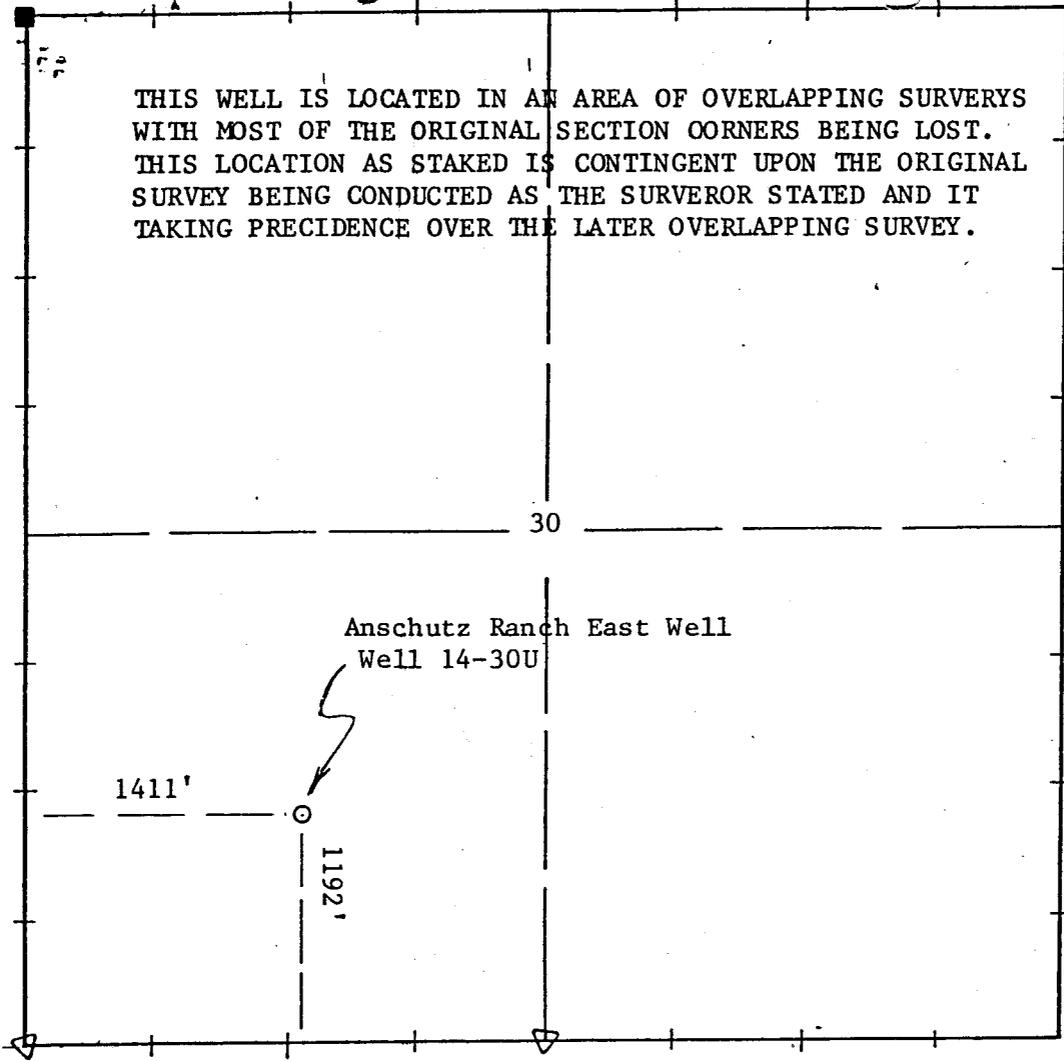
NW Corner

R 8E

NE Corner

new
8-26-81

THIS WELL IS LOCATED IN AN AREA OF OVERLAPPING SURVERYS WITH MOST OF THE ORIGINAL SECTION CORNERS BEING LOST. THIS LOCATION AS STAKED IS CONTINGENT UPON THE ORIGINAL SURVEY BEING CONDUCTED AS THE SURVEROR STATED AND IT TAKING PRECIDENCE OVER THE LATER OVERLAPPING SURVEY.



SCALE: 1" = 1000'

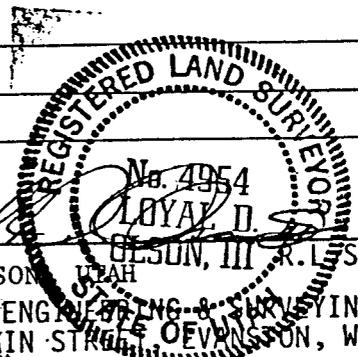
- Found Brass Cap
- Found Stone
- ⊙ Set Brass Cap
- ⊖ Found Stone - Set Brass Cap
- Hub and Tack
- ▽ Cal. Cor

SW Corner

SE Corner

I, Loyal D. Olson III of Evanston, Wyoming certify that in accordance with a request from Rob Orman of Denver Colorado for the Anschutz Corp I made a survey on the 12 day of Aug, 19 81 for Location and Elevation of the Anschutz Ranch East Well 14-30U as shown on the above map, the wellsite is in the Sw 1/4 of Section 30, Township 4N, Range 8E of the Salt Lake base & Meridian, Summit County, State of Utah, Elevation is 7705 Feet top of Hub Datum U.S.G.S Quadrangle - Porcupine

Reference point _____
 Reference point _____
 Reference point _____
 Reference point _____



Loyal D. Olson III
 LOYAL D. OLSON III R.L.S. NO. 4954
 UTAH
 UINTE ENGINEERING & SURVEYING, INC.
 808 MAIN STREET EVANSTON, WYOMING

DATE: 8-14-81
 JOB NO.: 81-20-3 (book 15)

8/17/81

** FILE NOTATIONS **

DATE: Sept. 30, 1981

OPERATOR: Anschutz Corp.

WELL NO: Anschutz Ranch East #14-30

Location: Sec. 30 T. 4N R. 8E County: Summit

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-043-30185

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order case 183-2

Administrative Aide: OK as per order below

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 183-2, 4-10-80

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 20, 1981

Anschutz Corporation
555 17th Street, STE. #2400
Denver, Colo. 80202

RE: Well No. Anschutz Ranch East #14-30,
Sec. 30, T. 4N, R. 8E,
Summit County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 183-2, dated April 10, 1980.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-043-30185.

Sincerely

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: OGM

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Anschutz Corporation

WELL NAME: Anschutz Ranch East #14-30U

SECTION 30 TOWNSHIP 4N RANGE 8E COUNTY Summit

DRILLING CONTRACTOR Brinkerhoff Signal

RIG # 83

SPUDDED: DATE 1-7-82

TIME 8:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Dave Hobbs

TELEPHONE # 303-825-6100

DATE January 8, 1982

SIGNED DB

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

IN TRIPLICATE*
(Instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR The Anschutz Corporation</p> <p>3. ADDRESS OF OPERATOR 555 17th Street, Suite 2400, Denver, Colorado</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1405 FWL and 1195 FSL</p> <p>14. PERMIT NO.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. FEE</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. 14-30U</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30 T4N R8E</p> <p>12. COUNTY OR PARISH 18. STATE</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7705 GR(est)</p>		

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well Report</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1/7/82 - Spud at 0800 hours

2/6/82 - Ran Schlumberger logs, DIL, Dipmeter, sonic, density

2/7/82 - Ran 13 3/8" CSG to 4373'

2/28/82 - Drilling ahead at 6995'

RECEIVED

MAR 17 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Mark P. Binkley TITLE Asst. Dir. Eng. DATE 3/10/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR The Anschutz Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2400 Anaconda Tower, Denver, CO 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1405' FWL and 1195' FEL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO.		9. WELL NO. 14-30U
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7705 GR (est)		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30 T4N R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

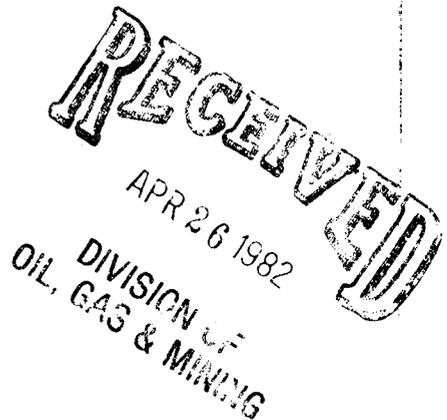
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Monthly Report</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3/1 Drilling ahead @ 7081'.
3/31 Drilling ahead @ 9870'.



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Drlg & Prod Mgr DATE 4-21-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

ANSCHUTZ CORP.
COMPANY

A.R.E. 14-30-U
WELL NAME

SUMMIT CO., UTAH
LOCATION

JOB NUMBER
RM 482 A 1644

TYPE OF SURVEY

DATE
23-APR-82

RECEIVED
JUN 11 1982

SURVEY BY
ALEXANDER

DIVISION OF
OIL, GAS & MINING

OFFICE
410

COMPANY: ANSCHUTZ CORP.
WELL NO.: A.R.E. 14-30-11
LOCATION: SUMMIT COUNTY, UTAH
FILE NO.: A1-329 * FLP 12
DATE: 23-APR-82
ELEVATION: N/A
RIG: B.S. 88
TYPE: GYRO
SEC BEARING: N/A
JOB NO.: RM482 A1644
VENDOR: E/W
SURVEYOR: LYNN ALEXANDER

RECORD OF SURVEY

RADIUS OF CURVATURE METHOD

COMPANY: ANSCHUTZ CORP.
 WELL NO.: A.R.E. 14-30-U
 LOCATION: SUMMIT COUNTY, UTAH

COMPUTATION PAGE NO. 1
 TIME DATE
 08:56:51 26-APR-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE	RECTANGULAR		DOG LEG SEVERITY DG/100FT
			VERTICAL DEPTH FEET	COORDINATES FEET		
0.	0 0	0	0.00	0.00	0.00	0.00
100.	0 25	S 51 E	100.00	0.23 S	0.29 E	0.42
200.	0 27	S 41 E	200.00	0.75 S	0.85 E	0.08
300.	0 40	S 51 E	299.99	1.43 S	1.56 E	0.24
400.	0 53	S 46 E	399.98	2.32 S	2.58 E	0.22
500.	0 52	S 31 E	499.97	3.50 S	3.55 E	0.23
600.	0 58	S 18 E	599.96	4.96 S	4.25 E	0.23
700.	1 5	S 1 E	699.94	6.73 S	4.56 E	0.34
800.	1 8	S 5 W	799.92	8.66 S	4.48 E	0.15
900.	1 9	S 5 W	899.90	10.67 S	4.28 E	0.01
1000.	1 5	S 7 W	999.88	12.61 S	4.05 E	0.07
1100.	1 7	S 5 W	1099.86	14.53 S	3.83 E	0.05
1200.	1 17	S 0 E	1199.84	16.63 S	3.73 E	0.20
1300.	1 18	S 1 W	1299.82	18.85 S	3.70 E	0.04
1400.	1 31	S 3 E	1399.79	21.32 S	3.74 E	0.25
1500.	1 25	S 4 E	1499.75	23.88 S	3.92 E	0.11
1600.	1 31	S 12 E	1599.72	26.42 S	4.30 E	0.20
1700.	1 17	S 25 E	1699.69	28.74 S	5.09 E	0.40
1800.	1 17	S 33 E	1799.66	30.70 S	6.20 E	0.19
1900.	1 23	S 34 E	1899.64	32.65 S	7.51 E	0.11
2000.	1 35	S 37 E	1999.60	34.76 S	9.04 E	0.22
2100.	1 44	S 40 E	2099.56	37.01 S	10.89 E	0.18
2200.	1 59	S 55 E	2199.51	39.18 S	13.32 E	0.53
2300.	2 18	S 62 E	2299.44	41.12 S	16.53 E	0.41
2400.	2 21	S 63 E	2399.35	42.97 S	20.18 E	0.08
2500.	2 40	S 60 E	2499.26	45.01 S	24.07 E	0.35
2600.	2 41	S 61 E	2599.14	47.28 S	28.20 E	0.03
2700.	2 41	S 66 E	2699.03	49.33 S	32.41 E	0.25
2800.	2 36	S 64 E	2798.93	51.24 S	36.60 E	0.14
2900.	2 30	S 63 E	2898.83	53.20 S	40.61 E	0.10
3000.	2 36	S 64 E	2998.73	55.14 S	44.64 E	0.11
3100.	2 44	S 72 E	3098.62	56.85 S	48.97 E	0.37
3200.	3 14	S 75 E	3198.48	58.30 S	53.97 E	0.53
3300.	3 12	S 76 E	3298.33	59.68 S	59.43 E	0.05
3400.	3 4	S 74 E	3398.18	61.06 S	64.72 E	0.18
3500.	2 52	S 71 E	3498.04	62.60 S	69.68 E	0.25

3600.	2 43	\$ 69 E	3597.92	64.25 S	74.28 E	0.17
3700.	1 43	\$ 66 E	3697.85	65.72 S	77.87 E	1.01
3800.	1 16	\$ 64 E	3797.81	66.82 S	80.24 E	0.45
3900.	1 18	\$ 65 E	3897.79	67.78 S	82.29 E	0.05
4000.	1 8	\$ 56 E	3997.76	68.80 S	84.16 E	0.25
4100.	1 10	\$ 43 E	4097.74	70.09 S	85.69 E	0.28
4200.	1 41	\$ 51 E	4197.71	71.79 S	87.52 E	0.55
4300.	2 49	\$ 56 E	4297.63	74.10 S	90.69 E	1.15
4400.	2 56	\$ 54 E	4397.51	76.96 S	94.83 E	0.18
4500.	2 46	\$ 50 E	4497.38	80.02 S	98.76 E	0.26
4600.	2 43	\$ 51 E	4597.27	83.07 S	102.47 E	0.07
4700.	2 43	\$ 48 E	4697.15	86.13 S	106.10 E	0.13
4800.	3 19	\$ 52 E	4797.01	89.50 S	110.16 E	0.64
4900.	3 19	\$ 53 E	4896.85	93.01 S	114.78 E	0.06
5000.	3 33	\$ 54 E	4996.67	96.55 S	119.62 E	0.24
5100.	3 54	\$ 55 E	5096.45	100.27 S	124.97 E	0.37
5200.	4 15	\$ 53 E	5196.20	104.12 S	130.95 E	0.39
5300.	4 59	\$ 58 E	5295.87	108.33 S	137.82 E	0.73
5400.	5 39	\$ 59 E	5395.44	113.10 S	145.77 E	0.68
5500.	5 57	\$ 59 E	5494.93	118.24 S	154.50 E	0.30
5600.	6 10	\$ 60 E	5594.37	123.49 S	163.67 E	0.24
5700.	6 14	\$ 61 E	5693.73	128.75 S	173.11 E	0.07
5800.	5 59	\$ 61 E	5793.21	133.90 S	182.42 E	0.25
5900.	5 33	\$ 63 E	5892.71	138.60 S	191.31 E	0.48
6000.	5 6	\$ 65 E	5992.27	142.65 S	199.68 E	0.43
6100.	4 43	\$ 64 E	6091.91	146.29 S	207.44 E	0.39
6200.	4 16	\$ 65 E	6191.60	149.63 S	214.55 E	0.45
6300.	4 2	\$ 63 E	6291.33	152.76 S	221.10 E	0.27
6400.	3 43	\$ 64 E	6391.10	155.75 S	227.19 E	0.31
6500.	3 45	\$ 63 E	6490.89	158.61 S	233.05 E	0.03
6600.	4 2	\$ 64 E	6590.66	161.58 S	239.17 E	0.27
6700.	4 8	\$ 62 E	6690.40	164.76 S	245.54 E	0.16
6800.	4 16	\$ 63 E	6790.13	168.09 S	252.08 E	0.15
6900.	4 34	\$ 64 E	6889.84	171.50 S	258.99 E	0.31
7000.	4 33	\$ 62 E	6989.51	175.12 S	266.16 E	0.17
7100.	4 46	\$ 61 E	7089.18	178.96 S	273.41 E	0.14
7200.	4 54	\$ 62 E	7188.82	182.92 S	280.88 E	0.14
7300.	4 49	\$ 63 E	7288.46	186.82 S	288.41 E	0.12
7400.	4 46	\$ 62 E	7388.11	190.64 S	295.86 E	0.05
7500.	4 47	\$ 65 E	7487.76	194.27 S	303.37 E	0.24
7600.	4 39	\$ 67 E	7587.42	197.57 S	310.92 E	0.18
7700.	4 41	\$ 66 E	7687.09	200.79 S	318.40 E	0.07
7800.	4 46	\$ 69 E	7786.74	203.92 S	326.04 E	0.25
7900.	4 40	\$ 68 E	7886.41	206.88 S	333.73 E	0.11

8000.	4 50	S 68 E	7986.06	209.93 S	341.43 E	0.18
8100.	4 52	S 69 E	8085.70	213.03 S	349.32 E	0.10
8200.	4 51	S 69 E	8183.34	216.04 S	357.25 E	0.03
8300.	4 52	S 69 E	8284.98	219.02 S	365.20 E	0.03
8400.	4 50	S 70 E	8384.62	221.93 S	373.15 E	0.09
8500.	4 54	S 70 E	8484.26	224.74 S	381.16 E	0.09
8600.	4 52	S 71 E	8583.90	227.48 S	389.24 E	0.05
8700.	4 56	S 72 E	8683.53	230.11 S	397.37 E	0.13
8800.	4 57	S 75 E	8783.16	232.46 S	405.67 E	0.25
8900.	4 51	S 75 E	8882.79	234.59 S	413.96 E	0.10
9000.	4 57	S 77 E	8982.42	236.59 S	422.29 E	0.19
9100.	4 55	S 80 E	9082.05	238.20 S	430.74 E	0.31
9200.	5 4	S 81 E	9181.67	239.53 S	439.34 E	0.15
9300.	5 16	S 81 E	9281.26	240.91 S	448.25 E	0.20
9400.	5 12	S 81 E	9380.84	242.29 S	457.28 E	0.06
9500.	5 29	S 82 E	9480.41	243.62 S	466.50 E	0.28
9600.	5 37	S 81 E	9579.94	245.00 S	476.08 E	0.16
9700.	5 44	S 82 E	9679.45	246.35 S	485.88 E	0.18
9800.	5 41	S 83 E	9778.95	247.51 S	495.76 E	0.10
9900.	6 9	S 81 E	9878.42	248.88 S	505.98 E	0.55
10000.	6 20	S 78 E	9977.82	250.78 S	516.70 E	0.30
10100.	6 12	S 78 E	10077.23	252.90 S	527.40 E	0.13
10200.	6 5	S 77 E	10176.65	255.11 S	537.88 E	0.20
10300.	6 14	S 79 E	10276.07	257.27 S	548.41 E	0.28
10400.	6 8	S 79 E	10375.49	259.23 S	559.02 E	0.11
10500.	5 40	S 79 E	10474.96	261.14 S	569.13 E	0.47
10600.	5 54	S 78 E	10574.45	263.06 S	579.02 E	0.24
10700.	5 48	S 77 E	10673.93	265.10 S	589.02 E	0.14
10800.	5 23	S 77 E	10773.45	267.21 S	599.55 E	0.43
10900.	4 37	S 74 E	10873.07	269.33 S	607.02 E	0.78
11000.	4 7	S 77 E	10972.78	271.18 S	614.42 E	0.54
11100.	4 3	S 74 E	11072.52	272.94 S	621.33 E	0.22
11200.	5 36	S 64 E	11172.16	275.92 S	629.19 E	1.78
11250.	5 46	S 61 E	11221.92	278.18 S	633.61 E	0.57

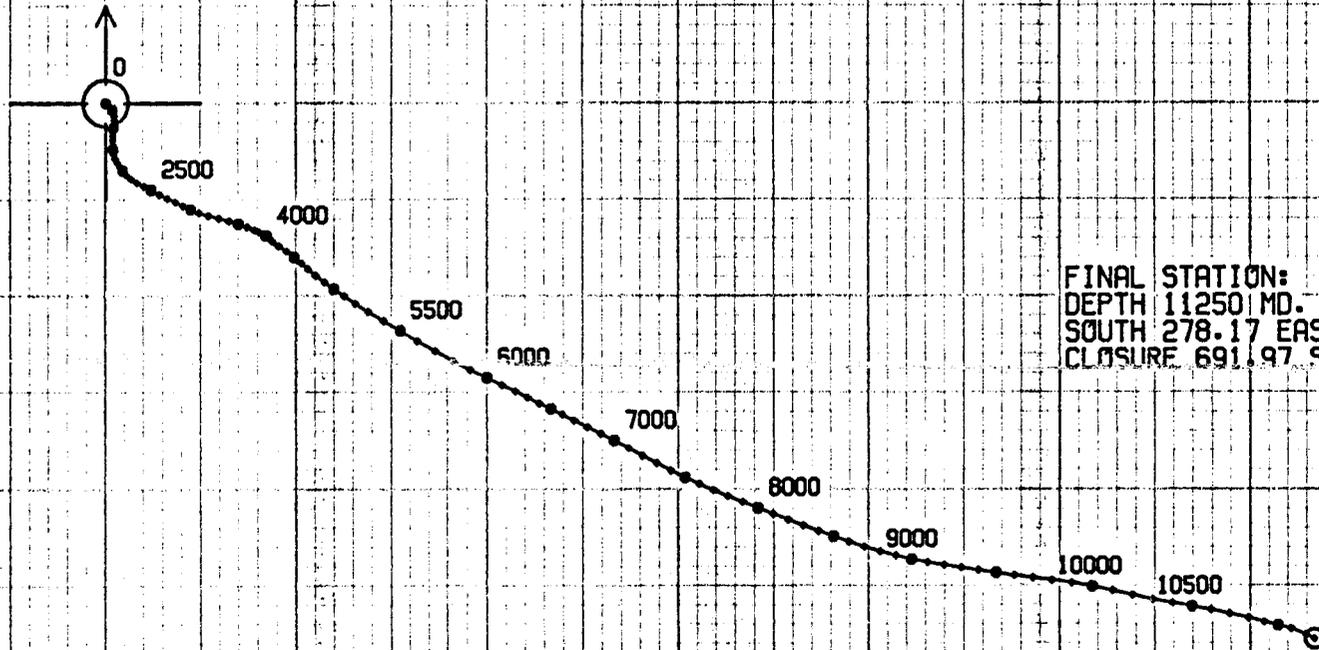
FINAL CLOSURE - DIRECTION: S 66 DEGS 18 MINS E
DISTANCE: 691.98 FEET

COMPANY: ANSCHUTZ CORP.
WELL NO.: A.R.E. 14-30-U
LOCATION: SUMMIT COUNTY, UTAH

HORIZONTAL PROJECTION

SCALE 1 IN. = 100 FEET
DEPTH INDICATOR: MD

EASTMAN WHIPSTOCK, INC.



FINAL STATION:
DEPTH 11250 MD. 11221.91 TVD
SOUTH 278.17 EAST 633.59
CLOSURE 691.97 S 66 17.47 E

DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: The Anschutz Corporation

WELL NAME: Anschutz Ranch East #14-30

SECTION: 30 TOWNSHIP 4N RANGE 8 E COUNTY: Summit

DRILLING CONTRACTOR: Brinkerhoff-Signal

RIG # 83

BOP TEST: DATE: 4-21-82

62# - 2500' up

TIME: _____

47# to 5000'[±]

42# to surface

DRILLING: _____

CASING: 9 5/8" @ 11,210'

H₂S: _____

Proposed to 13,400' - Nuggett.

Contd. 9 5/8" casing w/ 850 sas cement. (350 sas 50/50 POZ - 500 sas Class G)

Set slips, NU BOP equipment.

Will be testing BOP equipment this PM w/double D testers.

Rams, valves, lines & manifold - 5000# - Hydril - 2500#

Robert Rossin, Drilling Foreman; Tom Brewster, Drilling Supt.

REPORTED BY: Don Gerrard

TELEPHONE NO. _____

DATE: 4-21-82 SIGNED Ron Firth

CORE ANALYSIS RESULTS

for

THE ANSCHUTZ CORPORATION

ARE 14-30-U
ANSCHUTZ RANCH EAST FIELD
SUMMIT COUNTY, UTAH

RECEIVED

JUL 19 1982

DIVISION OF
OIL, GAS & MINING

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

THE ANSCHUTZ CORPORATION
 ARE 14-30-U
 ANSCHUTZ RANCH EAST FIELD
 SUMMIT COUNTY, UTAH

DATE : 6-26-82
 FORMATION : NUGGET
 DRLG. FLUID: WBM
 LOCATION : SW SW SEC. 30 T4N R8E

FILE NO : 3807-0007
 ANALYSTS : R. MOHL
 ELEVATION: 7730 KB

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL					
1	13645.0-46.0	0.14	*	0.11	7.4	0.0	46.6	2.66	SD VFG-MED
2	13646.0-47.0	0.82	0.53	0.03	8.1	6.9	35.4	2.66	SD VFG-MED SL/LMY
3	13647.0-48.0	0.27	*	0.12	7.0	1.0	39.3	2.66	SD VFG-MED
4	13648.0-49.0	0.10	0.10	0.08	8.5	5.4	25.7	2.66	SD VFG-FN
5	13649.0-50.0	0.07	0.04	0.10	9.0	4.3	27.7	2.66	SD VFG-FN SL/LMY
6	13650.0-51.0	0.11	0.10	0.07	9.4	5.6	31.1	2.65	SD VFG-FN SL/LMY
7	13651.0-52.0	0.13	0.10	0.17	9.3	6.2	22.9	2.64	SD FN
8	13652.0-53.0	0.20	0.09	0.11	6.3	6.8	28.9	2.64	SD FN
9	13653.0-54.0	0.44	0.16	0.10	7.4	5.8	25.5	2.64	SD FN SL/LMY
10	13654.0-55.0	0.22	*	0.10	8.4	2.3	28.1	2.64	SD VFG-FN SL/LMY
11	13655.0-56.0	0.17	*	0.14	8.0	4.6	20.4	2.64	SD FN
12	13656.0-57.0	0.19	*	0.09	7.9	4.8	24.9	2.64	SD VFG-FN SL/LMY
13	13657.0-58.0	0.13	*	0.29	7.4	4.9	15.8	2.64	SD FN-MED
14	13658.0-59.0	0.27	0.21	0.22	8.3	6.6	18.8	2.64	SD VFG-FN
15	13659.0-60.0	0.12	*	0.13	7.4	4.8	20.9	2.64	SD VFG-FN SL/LMY
16	13660.0-61.0	0.18	0.10	0.18	7.4	5.4	19.6	2.64	SD FN-MED LMY
17	13661.0-62.0	0.18	*	0.11	8.6	2.1	21.1	2.65	SD VFG-FN SL/LMY
18	13662.0-63.0	0.46	0.29	0.12	6.7	6.7	19.0	2.67	SD VFG-MED SL/LMY
19	13663.0-64.0	0.20	*	0.14	6.8	9.2	16.3	2.65	SD VFG-MFD SL/LMY
20	13664.0-65.0	0.29	0.16	0.10	7.1	6.4	21.9	2.64	SD FN SL/LMY
	13665.0-25.0								DRILLED
21	13725.0-26.0	1.00	0.01	<0.01	8.2	0.0	44.9	2.64	SD FN SL/LMY
22	13726.0-27.0	0.07	*	0.06	8.2	0.0	34.1	2.65	SD VFG-FN SL/LMY
23	13727.0-28.0	0.12	*	0.09	8.0	2.2	30.1	2.65	SD FN SL/LMY
24	13728.0-29.0	0.08	0.03	<0.01	7.8	0.0	34.9	2.64	SD FN SL/LMY
25	13729.0-30.0	0.14	0.05	<0.01	8.3	5.4	21.8	2.64	SD FN
26	13730.0-31.0	0.07	*	0.07	8.9	6.6	30.1	2.65	SD FN
27	13731.0-32.0	0.07	*	0.06	9.8	4.4	30.2	2.64	SD VFG-FN

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CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

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THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. MOHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL					
28	13732.0-33.0	0.09	*	0.07	9.3	4.6	29.6	2.64	SD FN
29	13733.0-34.0	0.07	*	0.10	8.8	1.0	39.7	2.65	SD VFG-FN
30	13734.0-35.0	0.14	*	0.10	9.6	6.0	25.8	2.64	SD VFG-FN
31	13735.0-36.0	0.12	0.10	<0.01	9.2	7.6	23.5	2.64	SD FN SL/LMY
32	13736.0-37.0	0.10	*	0.09	9.5	8.2	23.8	2.64	SD FN SL/LMY
33	13737.0-38.0	0.09	*	0.09	9.2	6.0	22.2	2.65	SD FN
34	13738.0-39.0	0.08	*	0.07	9.0	4.8	27.1	2.65	CVF SD FN
35	13739.0-40.0	0.07	*	0.06	8.7	0.0	36.7	2.65	SD FN
36	13740.0-41.0	0.35	0.16	0.03	8.9	0.0	34.0	2.64	SD VFG-FN
37	13741.0-42.0	0.10	0.09	0.01	8.7	6.8	21.2	2.64	SD VFG-FN
38	13742.0-43.0	5.30	0.10	0.01	8.8	5.4	19.5	2.64	SD FN
39	13743.0-44.0	0.39	*	0.10	9.2	0.0	34.1	2.64	SD VFG-FN
40	13744.0-45.0	0.28	0.16	<0.01	8.1	2.1	24.8	2.66	SD VFG-FN SL/LMY
41	13745.0-46.0	0.09	*	0.06	8.3	5.5	24.0	2.65	OVF SD FN-MED SL/LMY
42	13746.0-47.0	0.04	*	0.04	7.8	2.5	19.8	2.65	OVF SD FN LMY
43	13747.0-48.0	0.05	*	0.05	7.6	2.4	26.3	2.65	OVF SD FN LMY
44	13748.0-49.0	2.10	0.09	0.01	7.5	5.4	28.2	2.64	SD FN SL/LMY
45	13749.0-50.0	0.03	0.02	0.02	8.7	0.0	28.4	2.65	SD FN LMY
46	13750.0-51.0	0.08	0.07	0.05	8.3	0.0	28.2	2.64	SD VFG-FN
47	13751.0-52.0	0.18	0.08	0.18	8.8	0.0	35.4	2.65	SD VFG-FN
48	13752.0-53.0	0.15	0.03	0.10	9.6	0.0	26.2	2.65	SD VFG-FN
49	13753.0-54.0	0.22	0.04	0.10	9.5	0.0	34.8	2.66	SD FN
50	13754.0-55.0	0.06	*	0.05	8.1	0.0	32.2	2.65	SD VFG-FN
51	13755.0-56.0	0.07	0.07	0.07	8.4	0.0	35.1	2.64	SD VFG-FN
52	13756.0-57.0	0.05	*	0.05	7.8	0.0	28.8	2.65	SD FN
53	13757.0-58.0	11.	0.07	0.52	8.1	0.0	27.7	2.64	SD FN
54	13758.0-59.0	6.60	0.21	0.12	8.2	0.0	29.3	2.66	SD VFG-FN
55	13759.0-60.0	0.88	0.03	0.15	8.1	0.0	26.0	2.65	SD VFG-FN
56	13760.0-61.0	0.04	*	0.03	7.3	0.0	30.6	2.65	SD VFG-FN
57	13761.0-62.0	0.03	0.02	0.04	7.7	0.0	31.1	2.66	SD FN

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THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. MOHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL					
58	13762.0-63.0	0.06	0.05	0.14	7.6	0.0	27.9	2.66	SD FN
59	13763.0-64.0	0.05	*	0.05	6.8	0.0	23.7	2.65	SD VFG-FN
60	13764.0-65.0	0.52	0.08	0.16	6.3	0.0	29.3	2.66	SD VFG-FN
61	13765.0-66.0	0.05	*	0.06	5.5	0.0	32.2	2.65	SD VFG-MED
62	13766.0-67.0	0.04	*	0.03	5.2	0.0	44.2	2.67	SD VFG-FN
63	13767.0-68.0	0.04	*	0.04	4.7	0.0	31.9	2.65	SD VFG-FN SL/LMY
64	13768.0-69.0	0.05	*	0.04	5.5	0.0	34.4	2.65	SD VFG-MED
65	13769.0-70.0	1.10	0.37	0.37	5.9	0.0	47.7	2.64	CVF SD VFG-MED
66	13770.0-71.0	0.21	0.04	0.08	6.4	0.0	35.5	2.66	SD VFG-MED SL/LMY
67	13771.0-72.0	0.06	0.03	0.10	8.9	0.0	40.2	2.67	SD VFG-FN
68	13772.0-73.0	13.	0.10	0.27	7.9	0.0	42.3	2.65	SD VFG-FN
69	13773.0-74.0	0.05	*	0.04	6.7	0.0	36.4	2.66	OVF SD VFG-FN
70	13774.0-75.0	0.06	*	0.03	7.3	0.0	32.6	2.65	OVF SD VFG-MED SL/LMY
71	13775.0-76.0	0.08	0.06	0.28	7.5	0.0	35.8	2.65	SD VFG-FN
72	13776.0-77.0	0.05	*	0.04	7.2	2.2	26.6	2.65	SD VFG-FN
73	13777.0-78.0	0.05	*	0.03	6.5	0.0	35.3	2.66	SD VFG-FN
74	13778.0-79.0	0.06	0.06	0.16	8.5	0.0	37.7	2.66	SD VFG-FN
75	13779.0-80.0	0.03	*	0.02	5.3	0.0	43.3	2.66	SD VFG-FN
76	13780.0-81.0	0.03	*	0.03	6.3	0.0	56.5	2.66	SD VFG-FN
77	13781.0-82.0	0.03	*	0.03	6.1	0.0	41.9	2.66	SD VFG-FN
	13782.0-22.0								DRILLED
78	13822.0-23.0	0.11	*	0.01	5.3	0.0	56.2	2.67	SD VFG-FN CLY
79	13823.0-24.0	0.02	<0.01	0.01	6.2	0.0	69.6	2.65	SD VFG
80	13824.0-25.0	0.04	*	<0.01	7.3	0.0	51.5	2.66	SD VFG-FN SL/LMY
81	13825.0-26.0	<0.01	*	<0.01	6.6	0.0	68.4	2.66	SD VFG-FN
82	13826.0-27.0	<0.01	*	0.02	5.9	0.0	34.8	2.66	SD VFG-FN
83	13827.0-28.0	0.02	*	<0.01	6.6	0.0	37.1	2.66	SD FN
84	13828.0-29.0	0.03	*	0.03	7.1	0.0	51.1	2.65	SD FN
85	13829.0-30.0	0.02	*	<0.01	6.5	0.0	34.7	2.66	SD FN
86	13830.0-31.0	0.03	*	0.03	7.0	0.0	32.8	2.65	SD FN SL/LMY

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THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. MUHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL					
87	13831.0-32.0	1.80	<0.01	0.01	7.2	0.0	62.8	2.64	SD VFG-FN
88	13832.0-33.0	<0.01	<0.01	0.01	7.1	0.0	25.6	2.65	SD VFG-FN
89	13833.0-34.0	0.06	*	0.04	7.5	0.0	42.6	2.65	SD VFG-FN
90	13834.0-35.0	0.05	*	0.03	7.6	0.0	39.4	2.66	SD VFG-FN SL/LMY
91	13835.0-36.0	0.04	*	0.03	7.0	0.0	44.3	2.67	SD VFG-FN
92	13836.0-37.0	0.05	*	0.05	7.9	0.0	46.3	2.65	SD VFG-FN
	13837.0-38.0								LOST CORE
	13838.0-66.0								DRILLED
93	13866.0-67.0	0.06	*	0.06	8.3	0.0	43.0	2.66	SD FN
94	13867.0-68.0	0.08	*	0.09	9.2	0.0	36.6	2.65	SD FN
95	13868.0-69.0	0.09	*	0.08	8.6	0.0	21.3	2.65	SD FN
96	13869.0-70.0	0.17	*	0.13	9.3	0.0	32.1	2.66	SD FN
97	13870.0-71.0	0.22	*	0.15	9.2	0.0	28.9	2.65	SD VFG-FN
98	13871.0-72.0	0.11	*	0.07	9.0	0.0	26.4	2.66	SD VFG-FN
99	13872.0-73.0	0.17	*	0.11	9.9	0.0	32.4	2.65	SD FN
100	13873.0-74.0	0.08	*	0.05	8.4	0.0	45.4	2.66	SD VFG-FN
101	13874.0-75.0	0.09	*	0.07	9.5	0.0	42.2	2.66	SD FN
102	13875.0-76.0	0.07	*	0.05	9.0	0.0	30.5	2.66	SD VFG-FN
103	13876.0-77.0	0.05	*	0.03	7.7	0.0	50.2	2.66	SD VFG-FN
	13877.0-87.0								LOST CORE
104	13887.0-88.0	0.11	*	0.09	8.7	0.0	49.5	2.66	SD VFG
105	13888.0-89.0	0.04	0.02	<0.01	6.6	0.0	44.3	2.66	SD VFG
106	13889.0-90.0	0.04	*	0.03	5.4	0.0	39.8	2.65	OVF SD VFG
107	13890.0-91.0	0.05	*	0.05	5.7	0.0	49.7	2.65	OVF SD VFG-FN
108	13891.0-92.0	0.05	*	0.04	5.2	0.0	50.6	2.65	OVF SD VFG-FN
109	13892.0-93.0	0.04	0.04	<0.01	4.9	0.0	51.4	2.65	SD VFG-FN
110	13893.0-94.0	0.04	0.04	0.01	6.7	0.0	38.8	2.66	SD FN
111	13894.0-95.0	0.11	0.07	0.01	5.5	0.0	35.2	2.65	SD FN
112	13895.0-96.0	36.	0.07	0.01	5.8	0.0	54.3	2.65	SD FN
113	13896.0-97.0	0.07	0.05	0.01	6.1	0.0	49.9	2.66	SD VFG-FN

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CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

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THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. MOHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID SATS.		GRAIN DEN		DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL		OIL	WTR			
114	13897.0-98.0	0.07	0.06	0.02	5.2	0.0	64.1	2.66		SD VFG-FN
115	13898.0-99.0	0.03	*	0.02	4.4	0.0	58.4	2.67	OVF	SD VFG-FN
116	13899.0-00.0	0.03	*	0.02	4.4	0.0	77.5	2.67	OVF	SD VFG-FN
117	13900.0-01.0	0.03	*	0.02	4.5	0.0	65.9	2.67	OVF	SD VFG-FN
118	13901.0-02.0	0.03	*	0.02	4.0	0.0	62.9	2.67		SD VFG-FN
119	13902.0-03.0	8.70	0.06	0.01	6.5	0.0	46.7	2.66		SD VFG-FN
120	13903.0-04.0	30.	0.05	0.07	7.1	0.0	52.7	2.65		SD VFG-FN
121	13904.0-05.0	0.05	*	0.04	6.2	0.0	52.3	2.65		SD VFG-FN
122	13905.0-06.0	0.04	*	0.03	6.6	0.0	28.9	2.66	OVF	SD VFG-FN
123	13906.0-07.0	0.05	*	0.03	6.1	0.0	38.2	2.65	OVF	SD VFG
124	13907.0-08.0	0.04	*	0.04	6.1	0.0	39.7	2.65	OVF	SD VFG
125	13908.0-09.0	0.05	*	0.03	6.1	0.0	34.1	2.65	OVF	SD VFG
126	13909.0-10.0	0.05	*	0.04	6.0	0.0	35.4	2.65		SD VFG
127	13910.0-11.0	0.07	0.07	0.02	6.1	0.0	38.5	2.64		SD VFG
128	13911.0-12.0	0.07	0.06	0.01	6.0	0.0	38.2	2.64		SD VFG
129	13912.0-13.0	0.64	0.06	0.01	6.7	0.0	30.2	2.66		SD FN
130	13913.0-14.0	12.	0.13	0.02	6.2	0.0	26.6	2.64		SD FN
131	13914.0-15.0	0.05	*	0.04	5.2	0.0	23.9	2.66		SD FN
132	13915.0-16.0	0.05	0.04	0.01	4.8	0.0	45.1	2.65		SD VFG-FN
133	13916.0-17.0	1.60	0.04	0.01	5.5	0.0	34.5	2.66	CVF	SD VFG-FN SLTY
134	13917.0-18.0	0.06	*	0.04	5.4	0.0	18.7	2.67		SD VFG-FN SLTY
135	13918.0-19.0	0.15	0.14	0.02	8.7	0.0	35.1	2.64		SD VFG-FN SLTY
136	13919.0-20.0	0.16	0.13	0.03	9.1	0.0	31.6	2.64		SD VFG-FN
137	13920.0-21.0	0.32	0.10	0.01	9.3	0.0	37.7	2.65		SD VFG-FN
138	13921.0-22.0	0.09	0.09	0.02	8.0	0.0	31.1	2.64		SD VFG-FN SL\CLY
139	13922.0-23.0	0.07	*	0.05	7.5	0.0	29.2	2.65		SD VFG-FN
140	13923.0-24.0	0.08	0.08	0.03	7.9	0.0	31.2	2.65		SD VFG-FN
141	13924.0-25.0	0.23	0.09	0.01	7.8	0.0	40.5	2.65		SD VFG
142	13925.0-26.0	0.06	*	0.04	6.9	0.0	44.9	2.65	CVF	SD VFG
143	13926.0-27.0	0.10	0.07	<0.01	6.2	0.0	43.3	2.64	CVF	SD VFG

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. MOHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID OIL	SATS. WTR	GRAIN DEN		DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL						
144	13927.0-28.0	0.03	*	0.03	5.2	0.0	58.6	2.65		SD VFG-FN
145	13928.0-29.0	0.09	*	0.09	9.4	0.0	46.5	2.65	CVF	SD VFG-FN
146	13929.0-30.0	0.14	0.11	0.02	9.5	0.0	40.7	2.64		SD VFG-FN
147	13930.0-31.0	0.15	0.15	0.01	10.6	0.0	41.2	2.64		SD FN
148	13931.0-32.0	0.15	0.14	0.02	10.6	0.0	33.6	2.64		SD FN
149	13932.0-33.0	0.15	*	0.12	11.1	0.0	36.9	2.65		SD FN
150	13933.0-34.0	0.16	0.14	0.01	10.6	0.8	40.3	2.65		SD VFG
151	13934.0-35.0	0.17	*	0.14	10.9	0.8	37.8	2.65	OVF	SD VFG
152	13935.0-36.0	0.12	0.12	0.01	10.2	1.0	47.1	2.64	OVF	SD VFG
153	13936.0-37.0	0.20	0.19	0.03	10.7	0.0	37.4	2.65		SD VFG
154	13937.0-38.0	0.12	*	0.08	10.0	0.0	35.3	2.65	CVF	SD VFG
155	13938.0-39.0	0.08	*	0.07	9.6	0.0	45.9	2.66		SD VFG
156	13939.0-40.0	0.06	*	0.06	7.2	0.0	41.9	2.67		SD VFG SL\SLTY
157	13940.0-41.0	0.15	*	0.14	9.4	0.0	41.2	2.66		SD VFG
158	13941.0-42.0	0.21	0.18	0.01	10.7	0.0	38.1	2.62		SD VFG
159	13942.0-43.0	0.07	*	0.07	9.0	0.0	35.0	2.66		SD VFG
160	13943.0-44.0	0.18	0.16	0.04	10.5	0.0	36.6	2.66		SD VFG
161	13944.0-45.0	0.09	*	0.05	9.0	0.0	39.8	2.65		SD VFG
162	13945.0-46.0	0.09	*	0.08	11.0	0.0	41.9	2.65		SD VFG
163	13946.0-47.0	0.08	*	0.06	10.2	0.0	35.8	2.65		SD VFG
	13947.0-07.0									DRILLED
164	14007.0-08.0	0.16	0.12	0.02	8.6	0.0	42.4	2.64		SD VFG
165	14008.0-09.0	0.22	0.10	0.01	8.0	0.0	40.4	2.65		SD VFG
166	14009.0-10.0	0.08	0.07	0.01	6.7	0.0	40.2	2.66		SD VFG
167	14010.0-11.0	0.10	0.08	<0.01	7.7	0.0	40.3	2.66		SD VFG
168	14011.0-12.0	0.08	0.07	0.02	6.9	0.0	41.2	2.66		SD VFG
169	14012.0-13.0	0.08	0.07	0.03	6.3	0.0	42.2	2.63		SD VFG
170	14013.0-14.0	0.06	*	0.06	7.2	0.0	42.1	2.67		SD VFG
171	14014.0-15.0	0.50	0.22	0.25	8.3	0.0	39.8	2.65		SD VFG
172	14015.0-16.0	0.16	*	0.11	7.6	0.0	36.2	2.65	OVF	SD VFG

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

THE ANSCHUTZ CORPORATION
 ARE 14-30-U

DATE : 6-26-82
 FORMATION : NUGGET

FILE NO : 3807-0007
 ANALYSTS : R. KOHL

FULL DIAMETER ANALYSIS-BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD)			POR. He	FLUID SATS.		GRAIN DEN	DESCRIPTION
		MAXIMUM	90 DEG	VERTICAL		OIL	WTR		
173	14016.0-17.0	0.43	0.22	1.50	8.0	0.0	37.1	2.64	SD VFG
174	14017.0-18.0	0.25	0.25	0.41	8.1	0.0	34.0	2.64	SD VFG
175	14018.0-19.0	0.41	0.33	0.29	7.3	0.0	33.5	2.64	SD VFG
176	14019.0-20.0	0.35	0.31	0.38	6.5	0.0	32.2	2.64	SD VFG-FN
177	14020.0-21.0	0.11	*	0.08	7.4	0.0	38.8	2.65	SD VFG-FN
178	14021.0-22.0	0.22	0.15	0.22	5.6	0.0	43.1	2.64	SD VFG-FN
179	14022.0-23.0	0.19	0.08	0.14	6.0	0.0	42.5	2.64	SD VFG-FN
180	14023.0-24.0	0.03	*	0.03	5.4	0.0	49.4	2.65	OVF SD VFG-FN SLTY
181	14024.0-25.0	0.05	*	0.04	5.2	0.0	44.1	2.67	OVF SD VFG-FN
182	14025.0-26.0	0.11	0.09	0.37	5.5	0.0	6.0	2.65	SD VFG-FN
183	14026.0-27.0	0.04	*	0.03	5.0	0.0	30.0	2.65	SD VFG-FN SL\SLTY
184	14027.0-28.0	0.17	0.11	0.17	5.3	0.0	8.3	2.66	SD VFG-FN SL\SLTY
185	14028.0-29.0	0.16	0.07	0.16	5.2	0.0	6.5	2.66	SD VFG-FN SL\SLTY
186	14029.0-30.0	0.09	0.04	0.13	4.2	0.0	39.6	2.66	SD VFG-FN
187	14030.0-31.0	0.03	*	0.03	3.3	0.0	34.3	2.66	SD VFG-FN
188	14031.0-32.0	0.07	0.03	0.08	3.6	0.0	49.9	2.67	OVF SD VFG-FN
189	14032.0-33.0	0.02	*	0.04	3.4	0.0	40.9	2.66	OVF SD FN
190	14033.0-34.0	0.02	*	0.16	2.5	0.0	45.9	2.66	OVF SD VFG-FN
191	14034.0-35.0	0.07	0.02	0.09	3.7	0.0	37.5	2.65	CVF SD VFG-FN SL\SLTY
192	14035.0-36.0	0.06	0.02	0.11	3.1	0.0	40.7	2.65	CVF SD FN SLTY
193	14036.0-37.0	0.06	*	0.05	4.1	0.0	37.7	2.67	CVF SD FN SLTY
	14037.0-38.0								LOST CORE

* SAMPLE NOT SUITABLE FOR FULL DIAMETER ANALYSIS

CVF=CLOSED VERTICAL FRACTURE OVF=OPEN VERTICAL FRACTURE

PERMEABILITY VS POROSITY

COMPANY: THE ANSCHUTZ CORPORATION
 FIELD : ANSCHUTZ RANCH EAST FIELD

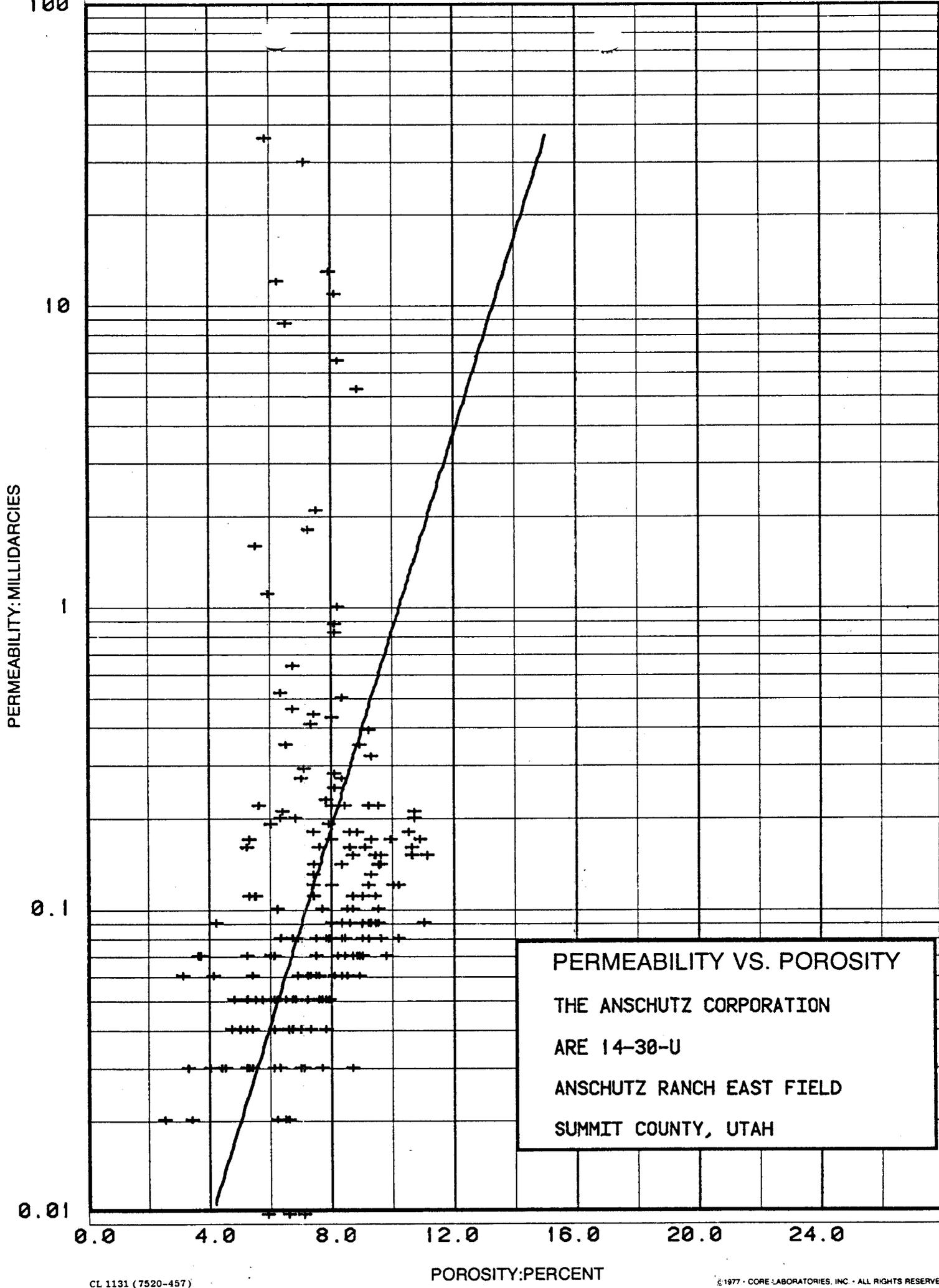
WELL : ARE 14-30-U
 COUNTY, STATE: SUMMIT COUNTY, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
 POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	KIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
13645.0 - 14038.0	1 (+)	0.010	37.0	0.0	18.0	7.4	0.81	0.07	0.12

EQUATION OF REDUCED LINE RELATING PERMEABILITY(K) TO POROSITY :
 $\text{LOG}(K) = (\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT}$
 $K = \text{ANTILOG}((\text{SLOPE})(\text{POROSITY}) + \text{LOG OF INTERCEPT})$

RANGE	EQUATION OF THE LINE
1	PERM = ANTILOG((0.3270)(POROSITY) + -3.3484)



STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE ANSCHUTZ CORPORATION
FIELD : ANSCHUTZ RANCH EAST FIELD

WELL : ARE 14-30-U
COUNTY, STATE: SUMMIT COUNTY, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.000 TO 38.
POROSITY : PERCENT (HELIUM) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS : 13645.0 - 14038.0 INTERVAL LENGTH : 393.0
FEET ANALYZED IN ZONE : 193.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE -----	PERMEABILITY AVERAGES		
	ARITHMETIC -----	HARMONIC -----	GEOMETRIC -----
7.4	0.79	0.07	0.12

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE ANSCHUTZ CORPORATION
 FIELD : ANSCHUTZ RANCH EAST FIELD

WELL : ARE 14-30-U
 COUNTY, STATE: SUMMIT COUNTY, UTAH

GROUPING BY POROSITY RANGES

POROSITY RANGE	FEET IN RANGE	AVERAGE POROSITY	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
2.0 - 4.0	6.0	3.3	0.039	0.045	3.1	3.1
4.0 - 6.0	32.0	5.2	0.079	1.3	16.7	19.8
6.0 - 8.0	75.0	7.0	0.107	1.0	39.1	58.9
8.0 - 10.0	67.0	8.8	0.158	0.513	34.9	93.8
10.0 - 12.0	12.0	10.6	0.143	0.148	6.2	100.0

TOTAL NUMBER OF FEET = 192.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE ANSCHUTZ CORPORATION
 FIELD : ANSCHUTZ RANCH EAST FIELD

WELL : ARE 14-30-U
 COUNTY, STATE: SUMMIT COUNTY, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	3.0	0.009	0.009	6.5	1.6	1.6
0.020 - 0.039	19.0	0.027	0.027	5.5	9.9	11.5
0.039 - 0.078	61.0	0.054	0.055	6.7	31.8	43.2
0.078 - 0.156	51.0	0.104	0.107	8.5	26.6	69.8
0.156 - 0.312	32.0	0.199	0.202	8.2	16.7	86.5
0.312 - 0.625	10.0	0.412	0.417	7.8	5.2	91.7
0.625 - 1.250	5.0	0.873	0.888	7.4	2.6	94.3
1.250 - 2.500	3.0	1.8	1.8	6.7	1.6	95.8
5.- 10.	3.0	6.7	6.9	7.8	1.6	97.4
10.- 20.	3.0	12.	12.	7.4	1.6	99.0
20.- 40.	2.0	33.	33.	6.4	1.0	100.0

TOTAL NUMBER OF FEET = 192.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: THE ANSCHUTZ CORPORATION
 FIELD : ANSCHUTZ RANCH EAST FIELD

WELL : ARE 14-30-U
 COUNTY, STATE: SUMMIT COUNTY, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARITH MEAN	MEDIAN
0.0	0.0	0.0	192.0	100.0	7.4	7.5
2.0	0.0	0.0	192.0	100.0	7.4	7.5
4.0	6.0	1.4	186.0	98.6	7.5	7.6
6.0	38.0	13.0	154.0	87.0	8.0	8.1
8.0	113.0	49.7	79.0	50.3	9.1	
10.0	180.0	91.1	12.0	8.9	10.6	
12.0	192.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 1422.7

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

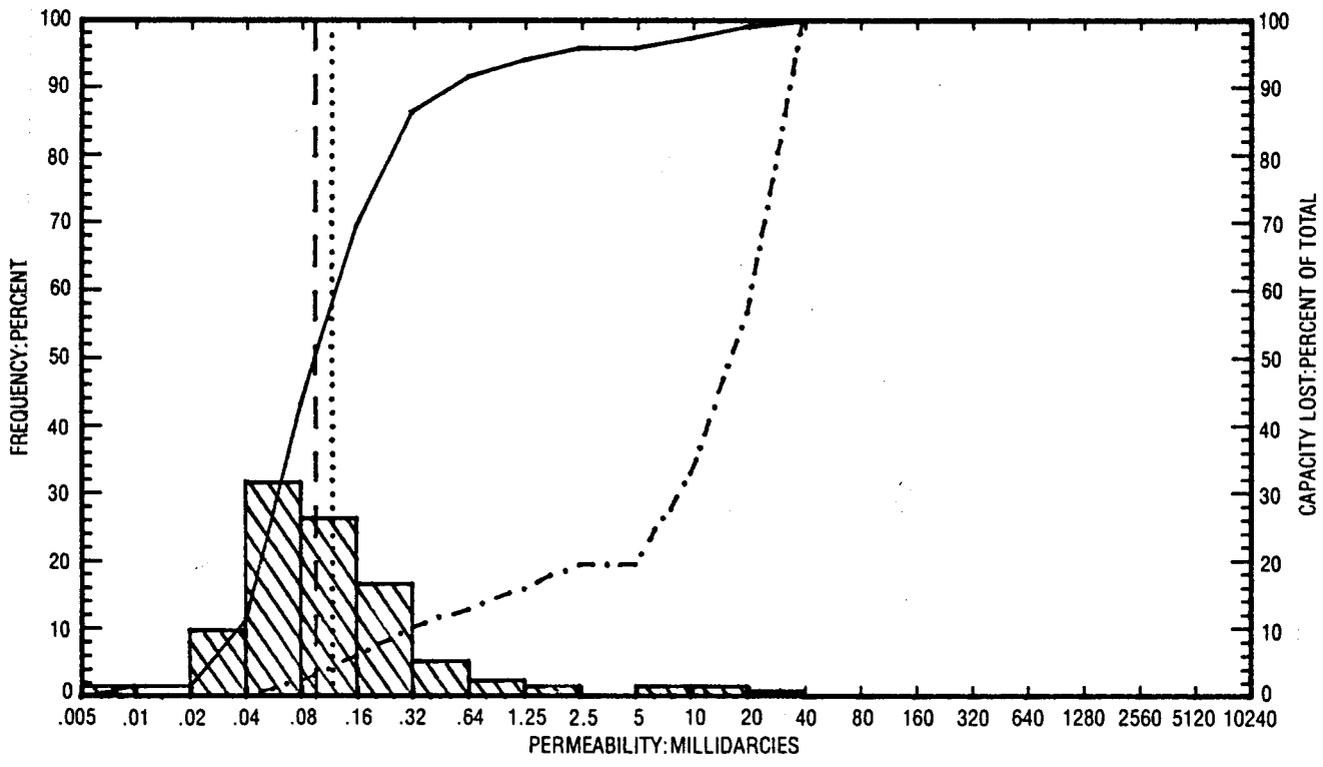
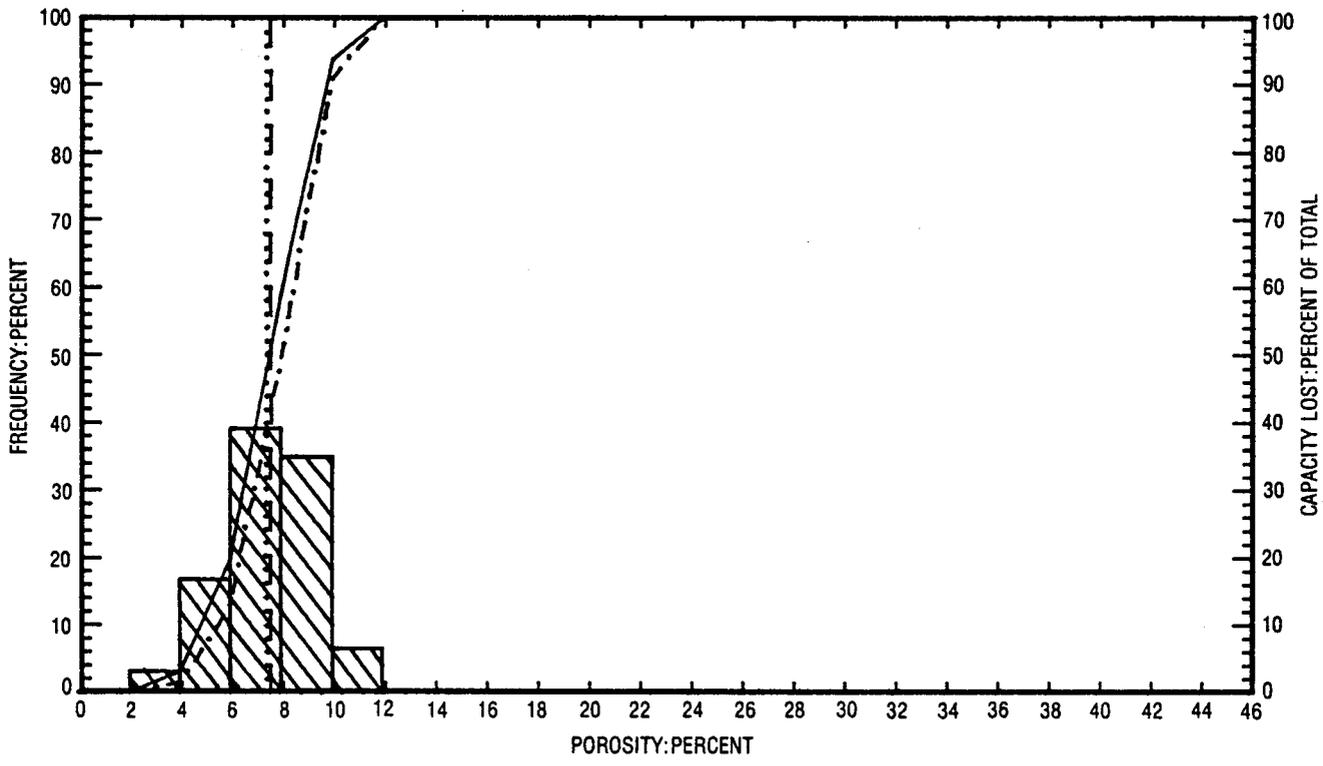
COMPANY: THE ANSCHUTZ CORPORATION
 FIELD : ANSCHUTZ RANCH EAST FIELD

WELL : ARE 14-30-U
 COUNTY, STATE: SUMMIT COUNTY, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	192.0	100.0	0.12	0.09
0.010	3.0	0.0	189.0	100.0	0.12	0.10
0.020	3.0	0.0	189.0	100.0	0.12	0.10
0.039	22.0	0.4	170.0	99.6	0.14	0.11
0.078	83.0	2.6	109.0	97.4	0.24	0.17
0.156	134.0	6.1	58.0	93.9	0.51	
0.312	166.0	10.4	26.0	89.6	1.61	0.95
0.625	176.0	13.1	16.0	86.9	3.78	2.50
1.250	181.0	16.0	11.0	84.0	7.36	8.91
2.500	184.0	19.6	8.0	80.4	12.41	12.60
5.	184.0	19.6	8.0	80.4	12.41	12.60
10.	187.0	33.1	5.0	66.9	17.93	
20.	190.0	56.7	2.0	43.3	32.86	
40.	192.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 152.55



PERMEABILITY AND POROSITY HISTOGRAMS

THE ANSCHUTZ CORPORATION
 ARE 14-30-U
 ANSCHUTZ RANCH EAST FIELD
 SUMMIT COUNTY, UTAH

- LEGEND**
- ARITHMETIC MEAN POROSITY
 - GEOMETRIC MEAN PERMEABILITY
 - MEDIAN VALUE
 - CUMULATIVE FREQUENCY
 - · - · - · CUMULATIVE CAPACITY LOST

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR THE ANSCHUTZ CORP.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2400 Anaconda Tower, Denver, CO 80202		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1405 FWL & 1195 FSL		8. FARM OR LEASE NAME Anschutz Ranch East
14. PERMIT NO.		9. WELL NO. 14-30U
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7705'		10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30 T4N R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	Monthly Report <input checked="" type="checkbox"/>
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

6/1/82 Drilling ahead at 13,029'

6/15/82 Drilling ahead at 13,258'

6/24/82 Coring Nugget sandstone at 13,671'

6/30/82 Cutting core #3 at 13,822'

[Stamp]
JUL 31 1982
DIVISION OF OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]* TITLE Drlg/Prod Manager DATE 7/16/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR The Anschutz Corporation</p> <p>3. ADDRESS OF OPERATOR 2400 Anaconda Tower, Denver, CO 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1405 FWL and 1195 FWL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. 14-30U</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 30 T4N R8E</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7705</p>	<p>12. COUNTY OR PARISH Summit</p> <p>18. STATE Utah</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

complete

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rig released at 9 p.m. 7/20/82. Intend to move on a completion rig and attempt to complete this well in the Nugget formation in the near future.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/29/82
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Drilling Manager DATE July 22, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR The Anschutz Corporation</p> <p>3. ADDRESS OF OPERATOR 2400 Anaconda Tower</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1495 FWL and 1195 FWL</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Anschutz Ranch East</p> <p>9. WELL NO. 14-30U</p> <p>10. FIELD AND POOL, OR WILDCAT Anschutz Ranch East</p> <p>11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA Sec 30 T4N R8E</p> <p>12. COUNTY OR PARISH Summit</p> <p>18. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7705</p>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON* <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (Other) <input checked="" type="checkbox"/> <u>monthly report</u>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/1/82 Trip out w/core barrel @ 13838'.

7/16/82 Log with Schlumberger @ 14110'.

7/19/82 Run first stage of 7" casing to 14110'.

7/20/82 Run second stage of 7" casing.

7/20/82 Rig released @ 9 p.m.

Intend to complete in the Nugget formation.

18. I hereby certify that the foregoing is true and correct

SIGNED *W. A. Bell* TITLE Drilling Manager DATE July 22, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CORE LABORATORIES, INC.

Reply To:

July 29, 1982

3124 S. Parker Road—#186
P.O. Box 44100
Aurora, Colorado 80044

Judy West
The Anschutz Corporation
555 - 17th Street, Suite 2400
Denver, Colorado 80202

RE: ARE 14-30-U
Anschutz Ranch East
Summit Co., Utah

Dear Judy:

Enclosed is the final copy of the Graphalog for the subject well. If you have any questions regarding the format or any remarks concerning the log, please feel free to give us a call.

We would like to thank you for the opportunity to serve you, and look forward to working for you in the future.

Very truly yours,

CORE LABORATORIES, INC.

A handwritten signature in cursive script that reads "Ron Strobel".

Ron Strobel
Sales Representative

RS:cf

Enclosure

RECEIVED

AUG 03 1982

DIVISION OF
OIL, GAS & MINING



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

RECEIVED

AUG 17 1982

**DIVISION OF
OIL, GAS & MINING**

**ANSCHUTZ CORPORATION
COMPANY**

**A.R.E. 14-30-U
WELL NAME**

**SUMMIT COUNTY, UTAH
LOCATION**

**JOB NUMBER
RM682C1806**

**TYPE OF SURVEY
COREX**

**DATE
7-7-82**

**SURVEY BY
STEVEN STURGEN AND JODY SCHRADER**

**OFFICE
RM 410, CASPER**



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 13, 1982

Anschutz Corporation
Att: Mark Buckland
2400 Anaconda Tower
555 Seventeenth Street
Denver, Colorado 80202

Re: Well No. Anschutz Ranch East #14-30U
Sec. 30, T. 4N, R. 8E.
Summit County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
14-30U

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC., T., R., M., OR BLK. AND SUBSTY OR ABBA
Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
555 17th Street, Suite 2400, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1405' FWL and 1195' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7705' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

As outlined below, we propose to start well operations on or about September 20, 1982. Zones to be tested are in Jurassic Nugget formation.

MIRU service unit, test BOP stack to 5000#.
Clean out cement, run gamma ray and CCL logs.
Run Schlumberger TDT, CBL, CET logs, run GYRO survey.
Perf: 13914-54', 13836-78'.
Flow test and acidize if necessary.
Perf. and test: 13722-810', 13674-96'.
Secure draw down and build-up data.
Perf. and test: 13585-622', 13530-60', 13476-505', 13451-464'.
Perf. and test: 13402-26', 13358-68', 13296-332', 13200-70'.
Run 3 1/2" production tbg w/ 5000# tree.
Run 48 hr. production test followed by build-up.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/17/82
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED David Halber TITLE Dr1g/Prod. Engineer DATE 9-17-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-825-6100
TWX 910-931-2620

September 29, 1982

State of Utah
Natural Resources and Energy
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Cari Furse

Dear Ms. Furse:

In regard to your letter dated September 13, 1982, about the well completion report for the 14-30U well in section 30; T4N, R8E, Summit County, Utah; we are just beginning our completion of this well. We have filed a Sundry Notice of Intent to Perforate and Test (9-17-82) and will file a completion report after the completion of this well.

Sincerely yours,

Mark Buckland
Jr. Drilling Engineer

MB/ahs



**REPORT
of
SUB-SURFACE
DIRECTIONAL
SURVEY**

ANSCHUTZ CORPORATION
COMPANY

A.R.E. 14-30-U
WELL NAME

SUMMIT COUNTY, UTAH
LOCATION

JOB NUMBER
RM982-G1049

TYPE OF SURVEY
GYROSCOPIC MULTI-SHOT

DATE
9-25-82

SURVEY BY
STEVEN STURGEN

OFFICE
410

SEEKER GYRO FILE

ANSCHUTZ CORPORATION
WELL NAME: A.R.E. NO.14-30-U
LOCATION: SUMMIT COUNTY, UTAH
FILE NO.: A2-029, FL2-09
DATE: 23 APRIL 1982
JOB NO.: RM482-A1644
TYPE: SEEKER GYRO
SURVEYOR: LYNN ALEXANDER
DECLINATION: 15 EAST
COMPUTER OPERATOR: STEVE THURSTON
RELATED FILES: A1-370
JOB NO.: RM982-G1049
TYPE: GYROSCOPIC MULTI--SHOT
RUN DATE: 25 SEPTEMBER 1982
SURVEYOR: STEVE STURGEN



RADIUS OF CURVATURE METHOD

NSCHUTZ CORPORATION
 WELL NAME: A.R.E. NO.14-30-U
 LOCATION: SUMMIT COUNTY, UTAH

SEEKER GYRO FILE

COMPUTATION
 TIME DATE
 15:38:30 29-SEP-82

MEASURED DEPTH FEET	DRIFT ANGLE D M	DRIFT DIRECTION D	TRUE VERTICAL DEPTH FEET	RECTANGULAR COORDINATES FEET		DOG LEG SEVERITY DG/100FT
0.	0 0	0	0.00	0.00	0.00	0.00
100.	0 25	S 51 E	100.00	0.23 S	0.29 E	0.42
200.	0 27	S 41 E	200.00	0.75 S	0.85 E	0.08
300.	0 40	S 51 E	299.99	1.43 S	1.56 E	0.24
400.	0 53	S 46 E	399.98	2.32 S	2.58 E	0.22
500.	0 52	S 31 E	499.97	3.50 S	3.55 E	0.23
600.	0 58	S 18 E	599.96	4.96 S	4.25 E	0.23
700.	1 5	S 1 E	699.94	6.73 S	4.56 E	0.34
800.	1 8	S 5 W	799.92	8.66 S	4.48 E	0.15
900.	1 9	S 5 W	899.90	10.67 S	4.28 E	0.01
1000.	1 5	S 7 W	999.88	12.61 S	4.05 E	0.07
1100.	1 7	S 5 W	1099.86	14.53 S	3.83 E	0.05
1200.	1 17	S 0 E	1199.84	16.63 S	3.73 E	0.20
1300.	1 18	S 1 W	1299.82	18.85 S	3.70 E	0.04
1400.	1 31	S 3 E	1399.79	21.32 S	3.74 E	0.25
1500.	1 25	S 4 E	1499.75	23.88 S	3.92 E	0.11
1600.	1 31	S 12 E	1599.72	26.42 S	4.30 E	0.20
1700.	1 17	S 25 E	1699.69	28.74 S	5.09 E	0.40
1800.	1 17	S 33 E	1799.66	30.70 S	6.20 E	0.19
1900.	1 23	S 34 E	1899.64	32.65 S	7.51 E	0.11
2000.	1 35	S 37 E	1999.60	34.76 S	9.04 E	0.22
2100.	1 44	S 40 E	2099.56	37.01 S	10.89 E	0.18
2200.	1 59	S 55 E	2199.51	39.18 S	13.32 E	0.53
2300.	2 18	S 62 E	2299.44	41.12 S	16.53 E	0.41
2400.	2 21	S 63 E	2399.35	42.97 S	20.18 E	0.08
2500.	2 40	S 60 E	2499.26	45.01 S	24.07 E	0.35
2600.	2 41	S 61 E	2599.14	47.28 S	28.20 E	0.03
2700.	2 41	S 66 E	2699.03	49.33 S	32.41 E	0.25
2800.	2 36	S 64 E	2798.93	51.24 S	36.60 E	0.14
2900.	2 30	S 63 E	2898.83	53.20 S	40.61 E	0.10
3000.	2 36	S 64 E	2998.73	55.14 S	44.64 E	0.11
3100.	2 44	S 72 E	3098.62	56.85 S	48.97 E	0.37
3200.	3 14	S 75 E	3198.48	58.30 S	53.97 E	0.53
3300.	3 12	S 76 E	3298.33	59.68 S	59.43 E	0.05
3400.	3 4	S 74 E	3398.18	61.06 S	64.72 E	0.18
3500.	2 52	S 71 E	3498.04	62.60 S	69.68 E	0.25

3600.	2 43	S 69 E	3597.92	64.25 S	74.28 E	0.17
3700.	1 43	S 66 E	3697.85	65.72 S	77.87 E	1.01
3800.	1 16	S 64 E	3797.81	66.82 S	80.24 E	0.45
3900.	1 18	S 65 E	3897.79	67.78 S	82.29 E	0.05
4000.	1 8	S 56 E	3997.76	68.80 S	84.16 E	0.25
4100.	1 10	S 43 E	4097.74	70.09 S	85.69 E	0.28
4200.	1 41	S 51 E	4197.71	71.79 S	87.52 E	0.55
4300.	2 49	S 56 E	4297.63	74.10 S	90.69 E	1.15
4400.	2 56	S 54 E	4397.51	76.96 S	94.83 E	0.18
4500.	2 46	S 50 E	4497.38	80.02 S	98.76 E	0.26
4600.	2 43	S 51 E	4597.27	83.07 S	102.47 E	0.07
4700.	2 43	S 48 E	4697.15	86.13 S	106.10 E	0.13
4800.	3 19	S 52 E	4797.01	89.50 S	110.16 E	0.64
4900.	3 19	S 53 E	4896.85	93.01 S	114.78 E	0.06
5000.	3 33	S 54 E	4996.67	96.55 S	119.62 E	0.24
5100.	3 54	S 55 E	5096.45	100.27 S	124.97 E	0.37
5200.	4 15	S 58 E	5196.20	104.12 S	130.95 E	0.39
5300.	4 59	S 58 E	5295.87	108.33 S	137.82 E	0.73
5400.	5 39	S 59 E	5395.44	113.10 S	145.77 E	0.68
5500.	5 57	S 59 E	5494.93	118.24 S	154.50 E	0.30
5600.	6 10	S 60 E	5594.37	123.49 S	163.67 E	0.24
5700.	6 14	S 61 E	5693.78	128.75 S	173.11 E	0.07
5800.	5 59	S 61 E	5793.21	133.90 S	182.42 E	0.25
5900.	5 33	S 63 E	5892.71	138.60 S	191.31 E	0.48
6000.	5 6	S 65 E	5992.27	142.65 S	199.68 E	0.48
6100.	4 43	S 64 E	6091.91	146.29 S	207.44 E	0.39
6200.	4 16	S 65 E	6191.60	149.63 S	214.55 E	0.45
6300.	4 2	S 63 E	6291.33	152.76 S	221.10 E	0.27
6400.	3 43	S 64 E	6391.10	155.75 S	227.19 E	0.31
6500.	3 45	S 63 E	6490.89	158.61 S	233.05 E	0.03
6600.	4 2	S 64 E	6590.66	161.58 S	239.17 E	0.27
6700.	4 8	S 62 E	6690.40	164.76 S	245.54 E	0.16
6800.	4 16	S 63 E	6790.13	168.09 S	252.08 E	0.15
6900.	4 34	S 64 E	6889.84	171.50 S	258.99 E	0.31
7000.	4 38	S 62 E	6989.51	175.12 S	266.16 E	0.17
7100.	4 46	S 61 E	7089.18	178.96 S	273.41 E	0.14
7200.	4 54	S 62 E	7188.82	182.92 S	280.88 E	0.14
7300.	4 49	S 63 E	7288.46	186.82 S	288.41 E	0.12
7400.	4 46	S 62 E	7388.11	190.64 S	295.86 E	0.05
7500.	4 47	S 65 E	7487.76	194.27 S	303.37 E	0.24
7600.	4 39	S 67 E	7587.42	197.57 S	310.92 E	0.18
7700.	4 41	S 66 E	7687.09	200.79 S	318.40 E	0.07
7800.	4 46	S 69 E	7786.74	203.92 S	326.04 E	0.25
7900.	4 40	S 68 E	7886.41	206.88 S	333.73 E	0.11

8000.	4 50	S 68 E	7986.06	209.93 S	341.43 E	0.18
8100.	4 52	S 69 E	8085.70	213.03 S	349.32 E	0.10
8200.	4 51	S 69 E	8185.34	216.04 S	357.25 E	0.03
8300.	4 52	S 69 E	8284.98	219.02 S	365.20 E	0.03
8400.	4 50	S 70 E	8384.62	221.93 S	373.15 E	0.09
8500.	4 54	S 70 E	8484.26	224.74 S	381.16 E	0.09
8600.	4 52	S 71 E	8583.90	227.48 S	389.24 E	0.05
8700.	4 56	S 72 E	8683.53	230.11 S	397.37 E	0.13
8800.	4 57	S 75 E	8783.16	232.46 S	405.67 E	0.25
8900.	4 51	S 75 E	8882.79	234.59 S	413.96 E	0.10
9000.	4 57	S 77 E	8982.42	236.59 S	422.29 E	0.19
9100.	4 55	S 80 E	9082.05	238.20 S	430.74 E	0.31
9200.	5 4	S 81 E	9181.67	239.55 S	439.34 E	0.15
9300.	5 16	S 81 E	9281.26	240.91 S	448.25 E	0.20
9400.	5 12	S 81 E	9380.84	242.29 S	457.28 E	0.06
9500.	5 29	S 82 E	9480.41	243.62 S	466.50 E	0.28
9600.	5 37	S 81 E	9579.94	245.00 S	476.08 E	0.16
9700.	5 44	S 82 E	9679.45	246.35 S	485.88 E	0.18
9800.	5 41	S 83 E	9778.95	247.51 S	495.76 E	0.10
9900.	6 9	S 81 E	9878.42	248.88 S	505.98 E	0.55
10000.	6 20	S 78 E	9977.82	250.78 S	516.70 E	0.30
10100.	6 12	S 78 E	10077.23	252.90 S	527.40 E	0.13
10200.	6 5	S 77 E	10176.65	255.11 S	537.88 E	0.20
10300.	6 14	S 79 E	10276.07	257.27 S	548.41 E	0.28
10400.	6 8	S 79 E	10375.49	259.23 S	559.02 E	0.11
10500.	5 40	S 79 E	10474.96	261.14 S	569.13 E	0.47
10600.	5 54	S 78 E	10574.45	263.06 S	579.02 E	0.24
10700.	5 48	S 77 E	10673.93	265.10 S	589.02 E	0.14
10800.	5 23	S 77 E	10773.45	267.21 S	598.55 E	0.43
10900.	4 37	S 74 E	10873.07	269.33 S	607.02 E	0.78
11000.	4 7	S 77 E	10972.78	271.18 S	614.42 E	0.54
11100.	4 3	S 74 E	11072.52	272.94 S	621.33 E	0.22
11200.	5 36	S 64 E	11172.16	275.92 S	629.19 E	1.73
11250.	5 46	S 61 E	11221.92	278.18 S	633.61 E	0.57

END OF SEEKER SURVEY, START GYROSCOPIC MULTI-SHOT.

11300.	5 30	S 33 E	11271.67	281.47 S	637.18 E	5.62
11400.	5 0	S 13 W	11371.25	290.25 S	638.73 E	4.12
11500.	5 0	S 13 W	11470.87	298.74 S	636.77 E	0.00
11600.	4 30	S 3 W	11570.53	306.93 S	635.62 E	0.97
11700.	5 15	S 13 E	11670.17	315.37 S	636.36 E	1.55
11800.	5 45	S 24 E	11769.71	324.44 S	639.39 E	1.16

11900.	5 30	S 12 W	11869.22	334.03 S	640.40 E	3.48
12000.	7 45	S 17 W	11968.55	345.19 S	637.51 E	2.32
12100.	7 0	S 17 W	12067.72	357.47 S	633.76 E	0.75
12200.	5 0	S 11 W	12167.17	367.61 S	631.23 E	2.09
12300.	5 30	S 4 W	12266.75	376.67 S	630.04 E	0.81
12400.	5 30	S 1 W	12366.29	386.25 S	629.62 E	0.29
12500.	5 45	S 4 W	12465.81	396.04 S	629.19 E	0.39
12600.	6 0	S 0 E	12565.28	406.27 S	628.84 E	0.48
12700.	6 0	S 8 E	12664.74	416.69 S	629.57 E	0.84
12800.	6 45	S 11 E	12764.12	427.64 S	631.40 E	0.82
12900.	6 45	S 17 E	12863.42	439.04 S	634.24 E	0.70
13000.	11 15	S 20 E	12962.17	453.86 S	639.20 E	4.52
13100.	11 0	S 17 E	13060.29	472.16 S	645.32 E	0.63
13200.	8 30	S 22 E	13158.83	488.12 S	650.97 E	2.64
13300.	6 30	S 19 E	13257.97	500.34 S	655.54 E	2.04
13400.	6 0	S 18 E	13357.38	510.67 S	659.00 E	0.51
13500.	6 0	S 16 E	13456.83	520.66 S	662.05 E	0.21
13600.	6 0	S 8 E	13556.28	530.88 S	664.23 E	0.84
13700.	6 30	S 9 E	13655.69	541.64 S	665.84 E	0.51
13800.	6 45	S 13 E	13755.02	552.97 S	668.04 E	0.52
13900.	7 0	S 14 E	13854.30	564.61 S	670.83 E	0.28
13950.	7 15	S 14 E	13903.92	570.63 S	672.33 E	0.50

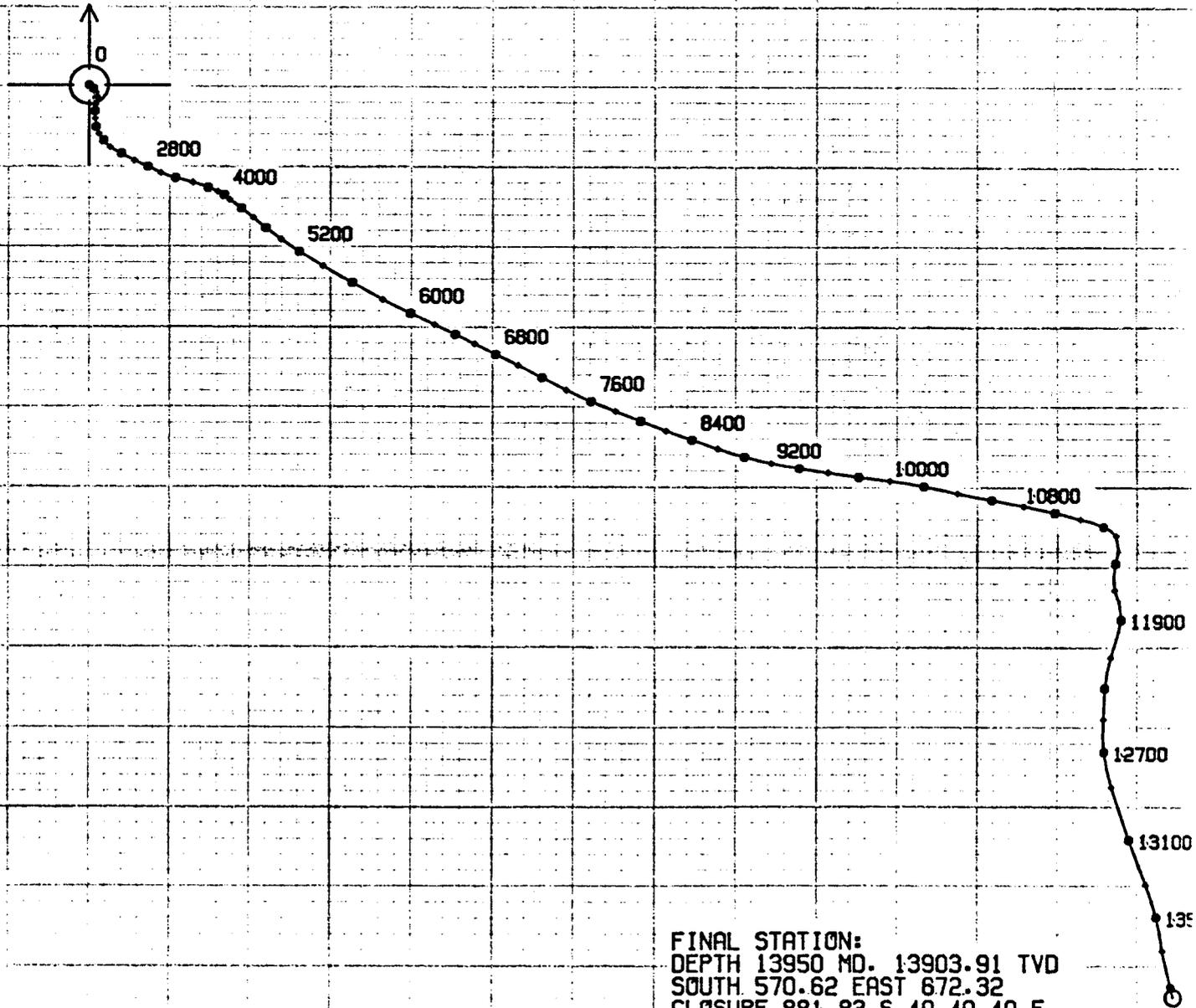
FINAL CLOSURE - DIRECTION: S 49 DEGS 41 MINS E
DISTANCE: 881.84 FEET

ANSCHUTZ CORPORATION
WELL NAME: A.R.E. NO. 14-30-U
LOCATION: SUMMIT COUNTY, UTAH

HORIZONTAL PROJECTION

SCALE 1 IN. = 100 FEET
DEPTH INDICATOR: MD

EASTMAN WHIPSTOCK, INC.



HEWLETT PACKARD PRESSURE DATA

WELL DATA

Date: 10/16/82 & 10/17/82
Company: The Anschutz Corporation
Well: Anschutz 14-30
Field: Anschutz Ranch East
County: Summit
State: Utah
Location: S30 - T4N - R8E
Engineer: Stephen Feingold
Witness: Brian Logan

TOOL DATA

Gauge No.: 1413A-0550
Calibration Date: 6/30/81
Panel No.: 034

PRODUCTION DATA FOR 10/16/82 & 10/17/82

14 Hours Flow
22.72 MMCF. Gas
341.6 Barrels of Oil
88.3 Barrels of Water

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/16/82	09:34	2111.85	62.9
Depth: 100'	09:35	2113.48	63.3
2,000'	09:53	2356.68	77.2
2,000'	09:54	2359.62	77.3
4,000'	10:01	2820.02	102.1
4,000'	10:02	2835.69	102.0
6,000'	10:09	3391.49	125.6
6,000'	10:10	3403.79	125.7
8,000'	10:17	3967.95	150.0
8,000'	10:18	3980.46	150.0
10,000'	10:26	4500.44	175.5
10,000'	10:27	4509.68	175.5
12,000'	10:35	5039.52	200.2
12,000'	10:36	5036.12	200.2
TOOL AT 13,535' - WELL SHUT IN			
	10:53	5327.59	216.6
	10:54	5322.91	216.6
	10:55	5318.87	216.5
	10:56	5315.55	216.5
	10:57	5312.85	216.6
	10:58	5310.60	216.6
	10:59	5308.74	216.6
	11:00	5307.23	216.5
	11:01	5305.99	216.6
	11:02	5304.97	216.6
	11:03	5303.99	216.5
	11:04	5303.05	216.5
	11:05	5302.64	216.6
	11:06	5302.22	216.6
	11:07	5301.90	216.6
	11:08	5301.61	216.6
	11:09	5301.34	216.5
	11:10	5301.09	216.5
	11:11	5300.91	216.5

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/16/82	11:12	5300.74	216.5
Depth: 13,535'	11:13	5300.69	216.5
WELL SHUT IN	11:14	5300.68	216.5
	11:15	5300.67	216.5
	11:16	5300.69	216.5
	11:17	5300.67	216.5
	11:18	5300.70	216.5
	11:19	5300.71	216.5
	11:20	5300.72	216.4
	11:21	5300.77	216.5
	11:22	5300.81	216.4
	11:23	5300.89	216.5
	11:24	5300.90	216.4
	11:25	5300.99	216.5
	11:26	5301.00	216.4
	11:27	5301.07	216.4
	11:28	5301.14	216.4
	11:29	5301.20	216.4
	11:30	5301.25	216.4
	11:40	5301.81	216.3
	11:50	5302.37	216.3
	12:00	5302.86	216.3
	12:10	5303.27	216.2
	12:20	5303.57	216.2
	12:30	5303.76	216.2
	12:40	5303.95	216.2
	12:50	5304.11	216.2
	13:00	5304.20	216.2
Choke: 24/64	13:03	5267.63	216.0
	13:04	5258.58	216.0
	13:05	5235.17	216.0
	13:06	5197.35	216.0
	13:07	5133.88	215.8
	13:08	5068.25	215.6

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/16/82	13:09	4999.51	215.5
Depth: 13,535'	13:10	4917.35	215.3
Choke: 24/64	13:11	4849.34	215.2
	13:12	4789.33	215.2
	13:13	4746.07	215.2
	13:14	4719.30	215.5
	13:15	4697.51	215.8
	13:16	4679.42	216.0
	13:17	4668.55	216.4
	13:18	4657.28	216.5
	13:19	4646.20	216.7
	13:20	4696.59	216.9
	13:21	4758.53	217.1
	13:22	4812.33	217.2
	13:23	4859.51	217.3
	13:24	4901.15	217.4
	13:25	4896.13	217.4
	13:26	4863.69	217.3
	13:27	4816.58	217.3
	13:28	4756.51	217.2
	13:29	4691.11	217.1
	13:30	4637.60	217.1
	13:31	4590.75	217.0
	13:32	4548.37	217.0
	13:33	4510.58	216.9
	13:34	4476.18	216.9
	13:35	4445.99	217.0
	13:36	4420.11	217.0
	13:37	4396.29	217.1
	13:38	4372.22	217.1
	13:39	4349.04	217.1
	13:40	4329.57	217.2
	13:41	4312.00	217.2
	13:42	4292.82	217.2

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/16/82	13:43	4273.15	217.2
Depth: 13,535'	13:44	4254.63	217.2
Choke: 24/64	13:45	4236.60	217.2
	13:46	4217.95	217.3
	13:47	4196.55	217.2
	13:48	4174.09	217.3
	13:49	4154.65	217.3
	13:50	4138.08	217.3
	13:51	4122.85	217.4
	13:52	4108.23	217.3
	13:53	4093.91	217.4
	13:54	4080.95	217.4
	13:55	4067.03	217.5
	13:56	4053.68	217.5
	13:57	4039.95	217.5
	13:58	4027.76	217.6
	13:59	4017.30	217.6
	14:00	4006.04	217.6
	14:10	3902.19	217.8
	14:20	3817.12	217.9
	14:30	3720.44	218.0
	14:40	3629.02	218.0
	14:50	3620.51	218.2
	15:00	3545.25	218.1
	15:10	3589.50	218.4
	15:20	3553.35	218.3
	15:30	3562.30	218.4
	15:40	3531.31	218.3
	15:50	3533.22	218.4
	16:00	3532.27	218.4
	16:10	3530.39	218.4
	16:20	3529.41	218.5
	16:30	3522.59	218.4
	16:40	3517.82	218.4

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/16/82	16:50	3512.24	218.4
Depth: 13,535'	17:00	3505.96	218.4
Choke: 24/64	17:10	3501.45	218.4
	17:20	3497.03	218.5
	17:30	3492.35	218.4
	17:40	3490.23	218.5
	17:50	3483.54	218.4
	18:00	3479.40	218.4
	18:10	3476.36	218.4
	18:20	3472.72	218.5
	18:30	3469.46	218.5
	18:40	3466.08	218.5
	18:50	3462.02	218.4
	19:00	3458.57	218.4
	19:10	3454.65	218.4
	19:20	3451.02	218.4
	19:30	3448.28	218.4
	19:40	3445.48	218.5
	19:50	3443.70	218.4
	20:00	3441.53	218.4
	20:10	3440.35	218.4
	20:20	3438.69	218.4
	20:30	3436.83	218.4
	20:40	3435.40	218.4
	20:50	3433.13	218.4
	21:00	3431.23	218.4
	21:10	3429.70	218.4
	21:20	3427.72	218.4
	21:30	3425.75	218.4
	21:40	3423.02	218.5
	21:50	3421.00	218.4
	22:00	3419.30	218.4
	22:10	3416.89	218.4
	22:20	3414.63	218.4
	22:30	3412.35	218.4

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/16/82	22:40	3410.73	218.4
Depth: 13,535'	22:50	3408.71	218.4
Choke: 24/64	23:00	3406.25	218.4
	23:10	3404.94	218.4
	23:20	3402.30	218.4
	23:30	3399.38	218.4
	23:40	3397.05	218.4
	23:50	3395.86	218.3
Date: 10/17/82	24:00	3393.82	218.4
	24:10	3392.47	218.4
	24:20	3391.36	218.4
	24:30	3389.19	218.4
	24:40	3387.23	218.3
	24:50	3385.38	218.3
	01:00	3384.70	218.3
	01:10	3383.55	218.4
	01:20	3382.57	218.3
	01:30	3381.59	218.4
	01:40	3380.78	218.3
	01:50	3379.95	218.3
	02:00	3378.09	218.3
	02:10	3376.40	218.3
	02:20	3375.57	218.3
	02:30	3373.91	218.3
	02:40	3373.70	218.3
	02:50	3372.63	218.4
WELL SHUT IN	03:00	3371.63	218.3
	03:02:40	3371.74	218.3
	03:02:50	3373.11	218.4
	03:03:00	3381.75	218.4
	03:03:10	3390.99	218.4
	03:03:20	3400.51	218.5
	03:03:30	3410.12	218.6
	03:03:40	3419.75	218.6

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/17/82	03:03:50	3429.39	218.6
Depth: 13,535'	03:04:00	3439.11	218.7
Choke: 24/64	03:04:10	3448.73	218.6
	03:04:20	3458.43	218.8
	03:04:30	3468.07	218.8
	03:04:40	3477.67	218.8
	03:04:50	3487.23	218.8
	03:05:00	3496.84	218.8
	03:05:10	3506.42	218.9
	03:05:20	3515.95	218.9
	03:05:30	3525.41	218.9
	03:05:40	3534.87	219.0
	03:05:50	3544.30	219.0
	03:06:00	3553.65	219.0
	03:06:10	3562.99	219.0
	03:06:20	3572.30	219.1
	03:06:30	3581.58	219.1
	03:06:40	3590.83	219.2
	03:06:50	3600.03	219.2
	03:07:00	3609.13	219.2
	03:07:10	3618.21	219.2
	03:07:20	3627.29	219.3
	03:07:30	3636.32	219.3
	03:07:40	3645.36	219.4
	03:07:50	3654.34	219.3
	03:08:00	3663.26	219.4
	03:08:10	3672.13	219.4
	03:08:20	3680.93	219.4
	03:08:30	3689.78	219.4
	03:08:40	3698.46	219.4
	03:08:50	3707.29	219.5
	03:09:00	3715.93	219.5
	03:09:10	3724.59	219.6
	03:09:20	3733.21	219.5
	03:09:30	3741.79	219.5

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/17/82	03:09:40	3750.38	219.6
Depth: 13,535'	03:09:50	3758.92	219.6
Choke: 24/64	03:10:00	3767.43	219.7
	03:10:10	3775.90	219.7
	03:10:20	3784.32	219.7
	03:10:30	3792.70	219.7
	03:10:40	3801.07	219.7
	03:10:50	3809.39	219.8
	03:11:00	3817.61	219.8
	03:11:10	3825.97	219.8
	03:11:20	3834.24	219.8
	03:11:30	3842.38	219.8
	03:11:40	3850.57	219.9
	03:11:50	3858.64	219.9
	03:12:00	3866.75	219.9
	03:12:10	3874.78	219.9
	03:12:20	3882.79	219.9
	03:12:30	3890.75	219.9
	03:12:40	3898.74	220.0
	03:12:50	3906.62	220.0
	03:13:00	3914.59	220.1
	03:13:30	3937.86	220.1
	03:14:00	3960.81	220.1
	03:14:30	3983.44	220.1
	03:15:00	4005.71	220.2
	03:15:30	4027.86	220.2
	03:16:00	4050.25	220.3
	03:16:30	4071.66	220.3
	03:17:00	4092.65	220.4
	03:17:30	4113.69	220.4
	03:18:00	4134.42	220.4
	03:18:30	4154.87	220.5
	03:19:00	4175.00	220.5
	03:19:30	4194.99	220.6

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/17/82	03:20:00	4215.05	220.6
Depth: 13,535'	03:20:30	4235.16	220.6
Choke: 24/64	03:21:00	4254.91	220.6
	03:21:30	4274.20	220.7
	03:22:00	4292.98	220.7
	03:22:30	4311.31	220.8
	03:23:00	4329.40	220.8
	03:23:30	4347.51	220.8
	03:24:00	4365.64	220.8
	03:24:30	4383.36	220.8
	03:25:00	4400.68	220.8
	03:25:30	4417.57	220.9
	03:26:00	4434.03	220.9
	03:26:30	4450.16	220.9
	03:27:00	4465.95	221.0
	03:27:30	4481.38	221.0
	03:28:00	4496.46	221.0
	03:28:30	4511.30	221.0
	03:29:00	4525.75	221.0
	03:29:30	4539.95	221.0
	03:30:00	4553.86	221.0
	03:30:30	4567.57	221.1
	03:31:00	4580.87	221.0
	03:31:30	4594.13	221.1
	03:32:00	4607.03	221.1
	03:32:30	4619.64	221.1
	03:33:00	4631.99	221.1
	03:33:30	4644.17	221.1
	03:34:00	4656.13	221.1
	03:34:30	4667.83	221.1
	03:35:00	4679.25	221.1
	03:35:30	4690.47	221.1
	03:36:00	4701.36	221.1
	03:36:30	4712.02	221.2
	03:37:00	4722.46	221.2

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/17/82	03:37:30	4732.67	221.1
Depth: 13,434'	03:38:00	4742.75	221.2
Choke: 24/64	03:38:30	4752.59	221.2
	03:39:00	4762.23	221.2
	03:39:30	4771.69	221.2
	03:40:00	4781.00	221.2
	03:41	4799.11	221.3
	03:42	4816.48	221.2
	03:43	4833.09	221.2
	03:44	4848.93	221.1
	03:45	4864.08	221.1
	03:46	4878.49	221.1
	03:47	4892.30	221.1
	03:48	4905.53	221.0
	03:49	4918.28	221.0
	03:50	4930.51	221.0
	03:51	4942.19	220.9
	03:52	4953.47	220.9
	03:53	4964.37	220.9
	03:54	4974.83	220.9
	03:55	4984.92	220.8
	03:56	4994.60	220.8
	03:57	5003.95	220.8
	03:58	5012.92	220.7
	03:59	5021.59	220.7
	04:00	5029.95	220.7
	04:01	5037.92	220.6
	04:02	5045.66	220.6
	04:03	5053.09	220.6
	04:04	5060.22	220.6
	04:05	5067.08	220.5
	04:06	5073.73	220.5
	04:07	5080.07	220.5
	04:08	5086.21	220.5
	04:09	5092.10	220.4

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	04:10	5097.81	220.4
Depth: 13,535'	04:20	5144.67	220.1
Choke: 24/64	04:30	5177.57	219.8
	04:40	5201.42	219.5
	04:50	5219.01	219.3
	05:00	5232.51	219.3
	05:10	5243.01	218.9
	05:20	5251.49	218.7
	05:30	5258.26	218.6
	05:40	5264.09	218.5
	05:50	5268.58	218.3
	06:00	5272.44	218.2
	06:10	5275.58	218.1
	06:20	5278.38	218.0
	06:30	5280.69	218.0
	06:40	5282.54	217.9
	06:50	5284.14	217.8
	07:00	5285.58	217.8
	07:10	5286.81	217.7
	07:20	5287.97	217.6
	07:30	5289.10	217.5
	08:00	5291.56	217.5
	08:30	5293.35	217.3
	09:00	5295.01	217.2
	09:30	5296.27	217.2
	10:00	5303.56	217.4
	10:30	5308.64	217.3
	11:00	5312.84	217.3
	11:30	5315.10	217.3
	12:00	5317.13	217.3
	12:30	5318.93	217.4
	13:00	5320.31	217.3
	13:30	5321.40	217.3
	14:00	5322.44	217.3
	14:30	5323.34	217.3

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	15:00	5323.93	217.2
Depth: 13,535'	15:30	5324.52	217.2
Choke: 24/64	16:00	5325.07	217.2
COMING OUT OF HOLE - WELL SHUT IN			
Date: 10/17/82	16:08	4948.83	199.5
Depth: 12,000'	16:09	4956.11	199.5
Choke: 24/64	16:10	4963.99	199.6
	16:11	4970.91	199.6
	16:12	4976.84	199.6
	16:13	4981.79	199.5
	16:14	4986.03	199.5
	16:15	4989.54	199.5
	16:16	4992.50	199.5
	16:17	4994.98	199.4
	16:18	4997.03	199.4
	16:19	4998.80	199.4
	16:20	5000.25	199.4
	16:21	5001.48	199.3
	16:22	5002.51	199.4
	16:23	5003.37	199.4
	16:24	5004.08	199.3
	16:25	5004.69	199.3
	16:26	5005.21	199.3
	16:27	5005.64	199.3
	16:28	5006.03	199.3
	16:29	5006.35	199.3
	16:30	5006.63	199.3
	16:31	5006.84	199.2
	16:32	5007.04	199.2
	16:33	5007.21	199.2
	16:34	5007.37	199.2
	16:35	5007.50	199.2
	16:36	5007.60	199.2
	16:37	5007.72	199.2
	16:38	5007.80	199.2

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	16:44	4532.78	173.6
Depth: 10,000'	16:45	4530.33	173.7
Choke: 24/64	16:46	4537.85	173.8
	16:47	4545.25	173.8
	16:48	4551.49	173.8
	16:49	4556.60	173.8
	16:50	4560.73	173.8
	16:51	4564.13	173.8
	16:52	4566.92	173.8
	16:53	4569.19	173.8
	16:54	4571.05	173.7
	16:55	4572.58	173.8
	16:56	4573.85	173.8
	16:57	4574.87	173.7
	16:58	4575.76	173.7
	16:59	4576.49	173.7
	17:00	4577.11	173.7
	17:01	4577.62	173.6
	17:02	4578.05	173.6
	17:03	4578.40	173.5
	17:04	4578.74	173.5
	17:05	4579.00	173.6
	17:06	4579.23	173.6
	17:07	4579.43	173.5
	17:08	4579.61	173.5
	17:09	4579.75	173.5
	17:10	4579.89	173.5
	17:11	4579.98	173.5
	17:12	4580.07	173.5
	17:13	4580.16	173.5
	17:14	4580.22	173.4

	TIME	PRESSURE	TEMPERATURE °F
Date: 10/17/82	17:22	4111.40	147.7
Depth: 8,000'	17:23	4110.86	147.8
Choke: 24/64	17:24	4113.00	147.9
	17:25	4114.82	147.9
	17:26	4116.07	147.8
	17:27	4116.99	147.8
	17:28	4117.69	147.8
	17:29	4118.15	147.7
	17:30	4118.46	147.6
	17:31	4118.63	147.6
	17:32	4118.75	147.6
	17:33	4118.80	147.5
	17:34	4118.83	147.5
	17:35	4118.82	147.5
	17:36	4118.82	147.4
	17:37	4118.81	147.5
	17:38	4118.79	147.4
	17:39	4118.78	147.4
	17:40	4118.75	147.4
	17:41	4118.74	147.4
	17:42	4118.73	147.4
	17:43	4118.72	147.4
	17:44	4118.71	147.3
	17:45	4118.69	147.3
	17:46	4118.69	147.3
	17:47	4118.69	147.4
	17:48	4118.69	147.3
	17:49	4118.69	147.3
	17:50	4118.70	147.3
	17:51	4118.71	147.3
	17:52	4118.70	147.3

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	18:00	3672.01	124.2
Depth: 6,000'	18:01	3669.63	124.2
Choke: 24/64	18:02	3667.30	124.2
	18:03	3665.00	124.1
	18:04	3662.82	124.1
	18:05	3660.76	124.1
	18:06	3658.95	124.1
	18:07	3657.34	124.1
	18:08	3655.95	124.0
	18:09	3654.73	124.0
	18:10	3653.66	124.0
	18:11	3652.77	124.0
	18:12	3651.98	124.0
	18:13	3651.31	124.0
	18:14	3650.73	124.0
	18:15	3650.24	123.9
	18:16	3649.81	123.9
	18:17	3649.42	123.9
	18:18	3649.12	123.9
	18:19	3648.82	123.9
	18:20	3648.57	123.9
	18:21	3648.34	123.9
	18:22	3648.14	124.0
	18:23	3647.95	123.9
	18:24	3647.79	123.9
	18:25	3647.65	123.9
	18:26	3647.50	123.9
	18:27	3647.37	123.9
	18:28	3647.23	123.9
	18:29	3647.13	123.9
	18:30	3647.01	123.9
	18:39	3239.74	101.6
Date: 10/17/82	18:40	3235.43	101.6
Depth: 4,000'	18:41	3230.57	101.6
Choke: 24/64			

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	18:42	3225.66	101.5
Depth: 4,000'	18:43	3229.00	101.5
Choke: 24/64	18:44	3216.79	101.4
	18:45	3213.04	101.4
	18:46	3209.79	101.3
	18:47	3206.95	101.3
	18:48	3204.46	101.3
	18:49	3202.30	101.3
	18:50	3200.48	101.3
	18:51	3198.92	101.3
	18:52	3197.64	101.2
	18:53	3196.54	101.2
	18:54	3195.59	101.2
	18:55	3194.78	101.2
	18:56	3194.06	101.2
	18:57	3193.44	101.2
	18:58	3192.92	101.2
	18:59	3192.46	101.2
	19:00	3192.05	101.2
	19:01	3191.69	101.2
	19:02	3191.41	101.1
	19:03	3191.12	101.1
	19:04	3190.84	101.1
	19:05	3190.62	101.1
	19:06	3190.41	101.1
	19:07	3190.21	101.1
	19:08	3190.02	101.1
	19:09	3189.84	101.1
Date: 10/17/82	19:17	2858.99	74.7
Depth: 2,000'	19:18	2851.72	74.8
Choke: 24/64	19:19	2842.78	74.8
	19:20	2833.80	74.8
	19:21	2825.60	74.7

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	19:22	2818.33	74.7
Depth: 2,000'	19:23	2811.90	74.7
Choke: 24/64	19:24	2806.30	74.6
	19:25	2801.44	74.5
	19:26	2797.23	74.5
	19:27	2793.58	74.5
	19:28	2790.48	74.4
	19:29	2787.82	74.4
	19:30	2785.53	74.3
	19:31	2783.57	74.3
	19:32	2781.90	74.3
	19:33	2780.41	74.6
	19:34	2779.24	74.2
	19:35	2778.18	74.3
	19:36	2777.29	74.3
	19:37	2776.55	74.2
	19:38	2775.91	74.2
	19:39	2775.35	74.2
	19:40	2774.87	74.2
	19:41	2774.87	74.2
	19:42	2774.12	74.2
	19:43	2773.82	74.2
	19:44	2773.55	74.2
	19:45	2773.35	74.1
	19:46	2773.15	74.1
	19:47	2772.95	74.2
Date: 10/17/82	19:56	2614.38	56.8
Depth: 100'	19:57	2605.48	56.9
Choke: 24/64	19:58	2597.33	56.9
	19:59	2590.09	56.9
	20:00	2583.78	56.8
	20:01	2578.27	56.8
	20:02	2573.54	56.8

	TIME	PRESSURE	TEMPERATURE ° F
Date: 10/17/82	20:03	2569.53	56.8
Depth: 100'	20:04	2566.11	56.8
Choke: 24/64	20:05	2563.22	56.7
	20:06	2560.72	56.7
	20:07	2558.60	56.8
	20:08	2556.80	56.8
	20:09	2555.26	56.8
	20:10	2553.91	56.8
	20:11	2552.73	56.7
	20:12	2551.68	56.7
	20:13	2550.80	56.7
	20:14	2550.08	56.6
	20:15	2549.43	56.7
	20:16	2548.89	56.7
	20:17	2548.44	56.7
	20:18	2548.07	56.7
	20:19	2547.78	56.6
	20:20	2547.51	56.6
	20:21	2547.26	56.7
	20:22	2547.09	56.6
	20:23	2546.93	56.6
	20:24	2546.77	56.6
	20:25	2546.68	56.6
	20:26	2546.58	56.6

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
The Anschutz Corporation

3. ADDRESS OF OPERATOR
555 17th Street, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1405' FWL 1195' FSL

At top prod. interval reported below 2025' FWL 744' FSL

At total depth 2059' FWL 620' FSL

14. PERMIT NO. 43-043-30185 DATE ISSUED 1-7-82

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Anschutz Ranch East

9. WELL NO.
14-30U

10. FIELD AND POOL, OR WILDCAT
Anschutz Ranch East

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Section 30 T4N-R8E

12. COUNTY OR PARISH Summit 13. STATE Utah

15. DATE SPUNDED 1-7-82 16. DATE T.D. REACHED 7-20-82 17. DATE COMPL. (Ready to prod.) 10-29-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7730' KB 19. ELEV. CASINGHEAD 7705'

20. TOTAL DEPTH, MD & TVD 14,110' 21. PLUG, BACK T.D., MD & TVD 13,960' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS 0 - TD 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13200-270', 13296-332', 13358-368', 13402-426', 13451-464', 13476-505', 13530-560', 13585-622', 13674-696', 13722-810', 13836-878', 13914-954'

25. WAS DIRECTIONAL SURVEY MADE
Yes 9-29-82

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-DIL, CNL-FDC, BHC-SONIC, HDT, FIL, FRT, Velocity

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68-72	4337	17 1/2	1250 sx Poz & 1000 sx "G"	
9-5/8"	43.5 - 62	11210'	12 1/4	350 sx Poz & 500 sx "G"	
7"	32#	14058'	8 1/2	Stg 1: 450 sx self stress Stg 2: 900 sx Lite; 200 "G"	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					3 1/2	12,802'	12,802'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Sec. 24	100 gal/ft 15% HCL w/BAF diverter

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12-1-82	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-29-82	48	26/64	→	2304	10726	230	4655
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2075	--	→	1152	5363	115	45° @ 68°F	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to NGPL TEST WITNESSED BY Ted Heidrich

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED David Holbe TITLE Drilling Engineer DATE 12-29-82

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nugget	12,938	14,038	Cored 13645-665' 13725-782' 13818-838' 13866-947' 14007-14038'

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pruess	9,905'	9,878'
Twin Creek	11,067'	11,030'
Nugget	12,938	12,902'

Claudia :
 Wells that we (Anso) took
 over from Anschutz Corp.
 Merge

RECEIVED
 FEB 9 1984

**DIVISION OF
 OIL, GAS & MINING**

REF FILE C

02/06/83

ANSCHUTZ RANCH EAST UNIT NEW NUMBERING SYSTEM

UTAH/WEST NUGGET

Over

OLD WELL NAME

NEW WELL NAME

ANSCHUTZ U06-20 ✓
 ANSCHUTZ U06-30 ✓
 ANSCHUTZ U08-20 ✓
 ANSCHUTZ U08-30 ✓
 ANSCHUTZ U14-20 ✓
 ANSCHUTZ U14-30 ✓
 ANSCHUTZ U16-20 ✓
 ANSCHUTZ U16-30 ✓

ANSCHUTZ W20-06
 ANSCHUTZ W30-06
 ANSCHUTZ W20-08
 ANSCHUTZ W30-08
 ANSCHUTZ W20-14
 ANSCHUTZ W30-14
 ANSCHUTZ W20-16
 ANSCHUTZ W30-16

WYOMING/EAST NUGGET

OLD WELL NAME
 ANSCHUTZ U11-26
 ANSCHUTZ U12-26

NEW WELL NAME
 ANSCHUTZ E26-11
 ANSCHUTZ E26-12

MORE... TIMESHAR

R; T=0.01/0.01 16:51:39

RUNNING TIMESHAR

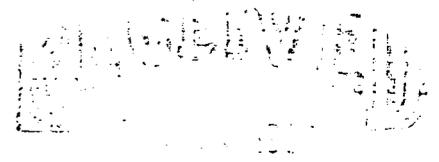


Amoco Production Company

Post Office Box 17675
Salt Lake City, Utah 84117
801-272-9253

T. G. Doss
District Superintendent

February 9, 1983



State of Utah
Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

File: DSD-251-031.190

Anschutz Ranch East Unit Operations - Summit County, Utah

Amoco Production Company herewith advises that the following wells within the subject unit have been renamed as noted:

<u>Old Well Name:</u>	<u>New Well Name/Location:</u>
✓ Anschutz U2-30	Anschutz Ranch East Unit W30-02 Sec. 30, T4N, R8E
Anschutz U6-20	Anschutz Ranch East Unit W20-06 Sec. 20, T4N, R8E
Anschutz U30-06	Anschutz Ranch East Unit W30-06 Sec. 30, T4N, R8E
Anschutz U8-20	Anschutz Ranch East Unit W20-08 Sec. 20, T4N, R8E
Anschutz U8-30	Anschutz Ranch East Unit W30-08 Sec. 30, T4N, R8E
Anschutz U10-20	Anschutz Ranch East Unit W20-10 Sec. 20, T4N, R8E
Anschutz U10-30	Anschutz Ranch East Unit W30-10 Sec. 30, T4N, R8E
Anschutz U12-20	Anschutz Ranch East Unit W20-12 Sec. 20, T4N, R8E

<u>Old Well Name:</u>	<u>New Well Name/Location:</u>
Anschutz U14-20	Anschutz Ranch East Unit W20-14 Sec. 20, T4N, R8E
Anschutz U14-30	Anschutz Ranch East Unit W30-14 Sec. 30, T4N, R8E
Anschutz U16-20	Anschutz Ranch East Unit W20-16 Sec. 20, T4N, R8E
Anschutz U16-30	Anschutz Ranch East Unit W30-16 Sec. 30, T4N, R8E
Bountiful Livestock #1	Anschutz Ranch East Unit W16-14 Sec. 16, T4N, R8E
Bountiful Livestock "A" #1	Anschutz Ranch East Unit W16-06 Sec. 16, T4N, R8E
Champlin 458 Amoco "D" #1	Anschutz Ranch East Unit W29-04 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #2	Anschutz Ranch East Unit W29-02 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #3	Anschutz Ranch East Unit W29-12 Sec. 29, T4N, R8E
✓Champlin 458 Amoco "D" #5	Anschutz Ranch East Unit W29-14 Sec. 29, T4N, R8E
Champlin 458 Amoco "D" #6	Anschutz Ranch East Unit W29-06 Sec. 29, T4N, R8E
Champlin 458 Amoco "E" #1	Anschutz Ranch East Unit W31-08 Sec. 31, T4N, R8E
Champlin 458 Amoco "E" #2	Anschutz Ranch East Unit W31-04 Sec. 31, T4N, R8E
✓Champlin 458 Amoco "E" #5	Anschutz Ranch East Unit W31-02 Sec. 31, T4N, R8E
Champlin 458 Amoco "E" #6	Anschutz Ranch East Unit W31-06 Sec. 31, T4N, R8E
Champlin 458 Amoco "F" #1	Anschutz Ranch East Unit W21-04 Sec. 21, T4N, R8E
Champlin 458 Amoco "F" #2	Anschutz Ranch East Unit E21-14 Sec. 21, T4N, R8E
Island Ranching "E" #2	Anschutz Ranch East Unit W36-08 Sec. 36, T3N, R7E
Thousand Peaks Ranches #1	Anschutz Ranch East Unit W32-04 Sec. 32, T4N, R8E

Division of Oil, Gas, and Mining
DSD-251-031.190
Page Three

For your information the letter preceding the well number (W-E) refers to the West/East Nugget structure within the Anschutz Ranch East Unit. Should you have questions concerning the well name changes, please contact Scheree Wilcox at this office, 801-264-2200.

T.G. Doss

T.G. Doss
District Superintendent

SW/

cc: State of Wyoming
Oil and Gas Conservation Commission
P.O. Box 2640
Casper, Wyoming 82601



Amoco Production Company

May 16, 1986

RECEIVED
MAY 21 1986

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

Re: **Name change on wells being brought into the Anschutz
Ranch East Unit**

Attn: Claudia Jones

Dear Claudia:

The following is a list of all wells, East & West Lobe
(production and Injection) at Anschutz Ranch East referenced
by well name, API No. and legal description, that should
be rolled over from Amoco Production Company to Amoco Rockmount
Company upon completion and being brought into the Unit.

Production wells

<u>Well Name</u>	<u>API No.</u>	<u>Legal Description</u>
W01-04	43-043-30270	NWNW, Sec 1, T3N, R7E
W01-06	43-043-30188	SEnw, Sec 1, T3N, R7E
W01-12	43-043-30271	NWSW, Sec 1, T3N, R7E
W20-04	43-043-30238	NWNW, Sec 20, T4N, R8E
W16-60 06	43-043-30138	NENE, Sec 16, T4N, R8E
W16-12	43-043-30231	SWNW, Sec 16, T4N, R8E
W17-12167	43-043-30176	NWSE, Sec 17, T4N, R8E
W19-16	43-043-95008 ? 30204	SWSE, Sec 19, T4N, R8E
W20-02	43-043-30228	NWNE, Sec 20, T4N, R8E
W20-06	43-043-30159	NWNW, Sec 20, T4N, R8E
W20-10	43-043-30229	SEnw, Sec 20, T4N, R8E
W20-12	43-043-30220	NWSW, Sec 20, T4N, R8E
W20-16	43-043-30148	SWSE, Sec 20, T4N, R8E
W21-04	43-043-30135	NWNW, Sec 21, T4N, R8E
W29-04	43-043-30129	NWNW, Sec 29, T4N, R8E
W29-06A	43-043-30250	SEnw, Sec 29, T4N, R8E
W29-14A	43-043-30251	NWSW, Sec 29, T4N, R8E
W30-06	43-043-30273	NESW, Sec 30, T4N, R8E
W30-08	43-043-30183	SENE, Sec 30, T4N, R8E
W30-10	43-043-30215	NWSE, Sec 30, T4N, R8E
W30-14	43-043-30185	SESW, Sec 30, T4N, R8E
W30-16	43-043-30156	NESE, Sec 30, T4N, R8E

Production wells (cont.)

<u>Well Name</u>	<u>API NO.</u>	<u>Legal Description</u>
W31-04	43-043-30165	NWNW, Sec 31, T4N, R8E
W31-06	43-043-30217	SENW, Sec 31, T4N, R8E
W31-08	43-043-30164	NWNE, Sec 31, T4N, R8E
W31-12	43-043-30190	SWNW, Sec 31, T4N, R8E
W32-04	43-043-30162	NWNW, Sec 32, T4N, R8E
W36-10	43-043-30227	NESW, Sec 36, T4N, R7E
W36-16	43-043-30157	SESE, Sec 36, T4N, R7E

Injection wells

W01-02	43-043-30209	? NWNE, Sec 1, T3N, R7E
W02-10	43-043-30265	NWSE, Sec 2, T3N, R7E
W16-14	43-043-30096	NWSW, Sec 16, T4N, R8E
W19-08	43-043-30272	SENE, Sec 19, T4N, R8E
W20-08	43-043-30212 ? 30123	SWNW, Sec 20, T4N, R8E
W20-14	43-043-30145	NWSW, Sec 20, T4N, R8E
W29-02	43-043-30220 ? 30136	NWNE, Sec 29, T4N, R8E
W29-12	43-043-30154	NWSW, Sec 29, T4N, R8E
W30-02	43-043-95014 ? 30218	NWNE, Sec 30, T4N, R8E
W30-12A	43-043-30248 ? 30230	NWSW, Sec 30, T4N, R8E
W30-15	43-043-95012 ? 30216 ?	NWNE, Sec 30, T4N, R8E
W36-08	43-043-30167	SENE, Sec 36, T4N, R7E
W36-14	43-043-30255	SESW, Sec 36, T4N, R7E

This should help to clarify your files and if any changes are necessary we will notify you of such.

If further information is needed please contact Louis F. Lozzie of this office at 307-789-1700 ext. 2226.

Thank you,

R. M. Ramsey
District Admn. Supervisor

/kg

cc: Pam Collier - Amoco Denver



orig letter file
cc letter & orig
report & logs →
R. Firth

Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

T. G. Doss
District Manager

RECEIVED
JUL 14 1986

July 11, 1986

See Attached List

File: RMR-64-603.211/WF

**DIVISION OF
OIL, GAS & MINING**

Injection Well Application
ARE W30-14, W20-02, W30-08, W29-14
Anschtuz Ranch East
Summit County, Utah

As provided for in Rule 501-b of the State of Utah, Division of Oil, Gas and Mining underground injection regulations, all operators or owners and surface owners within a one-half mile radius of a new injection well must be provided a copy of the application for injection. Attached for your review is the application for injection for the ARE W30-14, W20-02, W30-08, and the W29-14. If there are any questions or comments, please contact Dan Polson at (307) 789-1700 ext. 2316.

T. G. Doss

T. G. Doss *cc, R.D.*

DNP/kg

Attachments

LIST OF ATTACHMENTS

MAP

SURFACE OWNERS

INJECTION

INJECTION OPERATING DATA

ARE MIXING STATION

WELLHEAD SCHEMATIC

FORMATION PRESSURE TESTING

MECHANICAL INTEGRITY TEST

PRESSURE TESTING

INDIVIDUAL WELL DATA

Sent to:

The Anschutz Corporation
2400 Anaconda Tower
Denver, Colorado 80202

Attn: John D. Haley

BWAB Incorporated
1000 City Center 4
1801 California Street
Denver, Colorado 80202

Attn: Ray O. Brownlie

Champlin Petroleum Company
5800 S. Quebec
Englewood, Colorado

Attn: T. J. Wheeler

Chevron, USA, Inc.
700 S. Colorado Blvd.
Denver, Colorado 80201

Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, Colorado 80202

Attn: William E. Prichard

PanCanadian Petroleum Company
600 17th Street, Ste. 1800 South
Denver, Colorado 80202

Attn: Donald R. Reeves



July 11, 1986

T. G. Doss
District Manager

Amoco Production Company

Post Office Box 829
Evanston, Wyoming 82930
307-789-1700

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

Attn: Dr. Dianne R. Nielson

File: RMR-62-588/WF

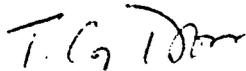
Injection Well Application
ARE W30-14, W20-02, W30-08 and W29-14
Anschutz Ranch East
Summit County, Utah

The following applications are submitted by Amoco Production Company for four (4) Underground Injection Control Class II wells in the Anschutz Ranch East Unit (Plan of Operations approved at State Hearing, November 30, 1982, Cause No. 183-11). It is requested that these applications be given administrative approval. The Anschutz Ranch East W30-14, W20-02, W30-08 and W29-14 will make a total of eighteen wells to be used for gas injection purposes in the Anschutz Ranch East field (reference Amoco Production Company letter dated April 7, 1983). Please find attached the above mentioned applications and attachments for the ARE W30-14, W20-02, W30-08 and W29-14 wells.

Amoco Production Company has reviewed Section V, Underground Injection Control Recovery Operations and Class II Injection wells. All data requested by Rules 501, 502 and 503 have been submitted under this letter. Amoco recommends an alternative to Rule 505 regarding pressure testing the casing as noted in the attached section entitled "Pressure Testing".

As always, measures are being undertaken to ensure that contamination of fresh water will not occur. It should be noted that a step-rate test was conducted during February, 1985, to establish the parting pressure of the Nugget formation. Amoco will ensure that injection pressures are less than that parting pressure.

Please direct any questions to Dan Polson in the Evanston District office at (307) 789-1700.



T. G. Doss
District Manager

DNP/kg

Attachments

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF
AMOCO PRODUCTION COMPANY
 ADDRESS P. O. Box 829
Evanston, Wyoming ZIP 82930
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ARE W30-14 WELL
 SEC. 30 TWP. 4N RANGE 8E
Summit COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>UPRR 31-1</u>	Well No. <u>ARE W30-14</u>	Field <u>Anschutz Ranch East</u>	County <u>Summit</u>
Location of Enhanced Recovery Injection or Disposal Well <u>Injection</u> Sec. <u>30</u> Twp. <u>4N</u> Rge. <u>8E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>on final</u> Will be reported Sundry	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>3000'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What <u>Gas</u>	
Location of Injection Source(s) <u>Nitrogen extraction plant Uinta County, Wyoming</u>	Geologic Name(s) and Depth of Source(s) <u>Nitrogen extraction via atmosphere</u>		
Geologic Name of Injection Zone <u>Nugget</u>	Depth of Injection Interval <u>12,922</u> to <u>13,754</u>		
a. Top of the Perforated Interval: <u>12,922'</u>	b. Base of Fresh Water: <u>3000'</u>	c. Intervening Thickness (a minus b) <u>9922'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Gannet (claystone); Preuss (sandstone/shale); Salt; Twin Creek (limestone)</u>			
Injection Rates and Pressures Maximum <u>80</u> MMSCFD <u>B/D</u> <u>6100</u> <u>PSI</u>			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>All interest owners in Anschutz Ranch East are members of the Unit Agreement.</u>			

State of Wyoming)

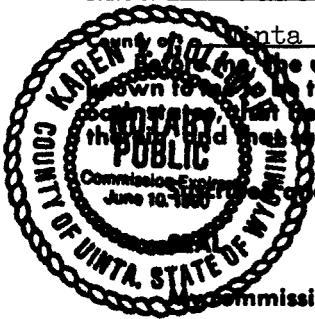
Amoco Production Company

Applicant

T.G. Don

the undersigned authority, on this day personally appeared _____
 the person whose name is subscribed to the above instrument, who being by me duly sworn on
 that he is duly authorized to make the above report and that he has knowledge of the facts stated
 and sworn to before me this _____ day of _____, 1986

30th day of June, 1986
Karen J. Gallmer
 Notary Public in and for Evanston, Wyo
 Commission expires June 10, 1990



INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule 1-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule 1-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule 1-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	4337'	1000 sx	sfc	
Intermediate	9 5/8"	11210'	850 sx		
Production	7"	14058'	1550 sx	12,500	CBL
Tubing	3 1/2"	12802'	Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval		

13,925'

Nugget

12,992'

13,925'



WELL DATA SHEET

Date Prepared: 12-17-82

Operator TAC Well No. 14-30U
Field Anschutz Ranch East County Summit State UT
Location 1411' FWL, 1192' FSL, Sec. 30, T4N, R8E
Elev. 7730 K.B. 7705 G.L. Spud Date 1/7/82 Comp. Date 10/29/82
T.D. 14110' PBD 13960 Formation Nugget

Drawing not to Scale

Drlid 17 1/20.H.

Surface Casing:

13 3/8" 68-72# S-95 Butt set at 4337'. 1st. stage: cmt w/1250 sx 65/35 POZ and 500 sx "G" 2nd stage: cmt w/500 sx "G" DV tool at 2162'

Drlid 12 1/4.H.

Intermediate Casing:

9 5/8" and 9 7/8" 43.5-62.8# S-95 LT&C set at 11210'. Cmt w/350 sx 50/50 POZ and 500 sx class "G"

Drlid ... O.H.

Production Casing:

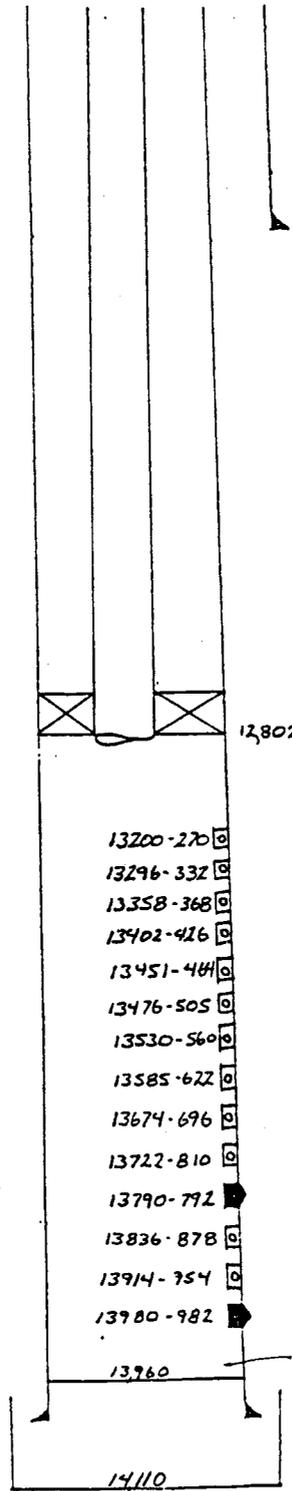
7" 32# L-80 Butt and FL4S. Set at 14058'. 1st stage: cmt w/450 sx Self-stress. 2nd stage: cmt w/900 sx Lite and 200 sx "G" thru perfs at 10978'. DV tool failed.

Completion Equipment:

3 1/2" 9.3# N-80 EUE tbg w/loc-set pkr. Set pkr at 12302'

Completions and Workovers

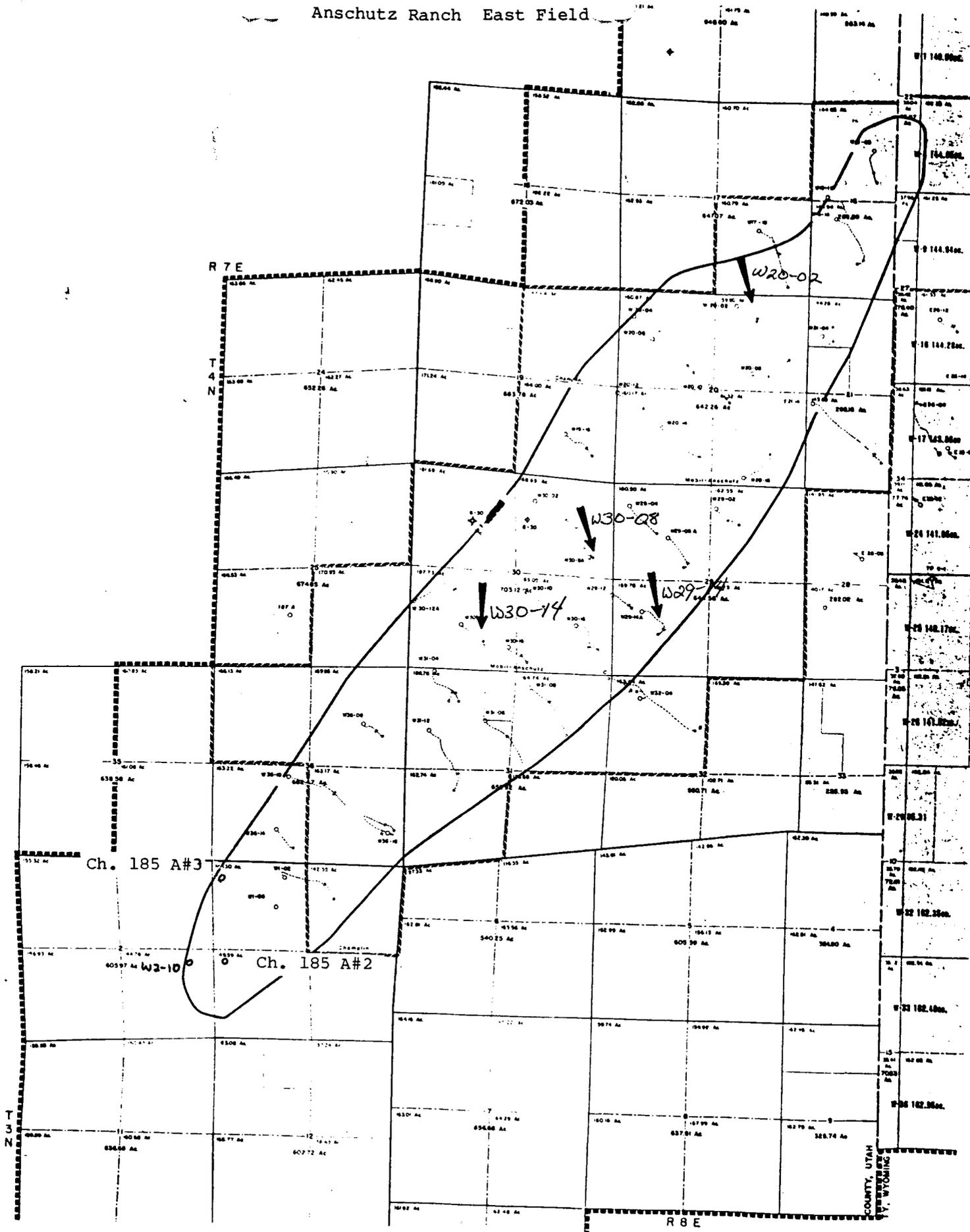
(see attached)



Zone 1 12922
2 13175
3 13629
Auk 14052

14' Tubing tail fish (2 7/8")

Anschutz Ranch East Field

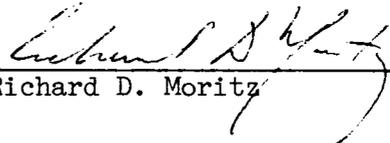


VERIFICATION AND AFFIDAVIT

STATE OF UTAH)
 : ss
COUNTY OF SUMMIT)

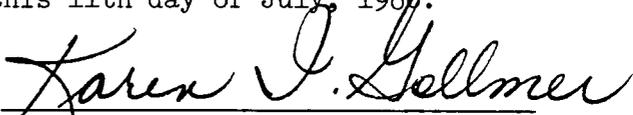
Richard D. Moritz, of lawful age, being first duly sworn on his oath, deposes and says:

That he is employed as Engineering Supervisor by Amoco Production Company in its Evanston, Wyoming office; that Amoco's application for an order from the Commission granting authority to inject nitrogen gas into the Nugget Formation in the ARE W20-02, W30-14, W30-08 and W29-14, Anschutz Ranch East Field, Summit County, Utah, was prepared under his direction and supervision; that the matters and things set forth are true and correct to the best of his knowledge and beliefs; and that a copy thereof was mailed from Applicant's Evanston, Wyoming office July 11, 1986, to the parties shown as attached, who are the only oil and gas lease owners, or surface owners covering the lands described in the application; and to the best of his information, knowledge and belief, the above named parties are the only owners to whom notice of such application is required to be given in accordance with the Rules and Regulations of the Utah Division of Oil, Gas, and Mining.

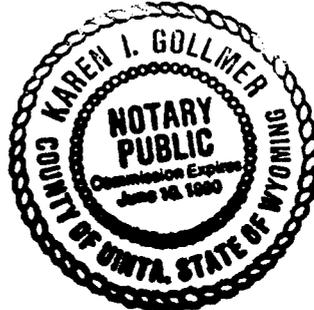


Richard D. Moritz

Subscribed and sworn to before me this 11th day of July, 1986.



Notary Public



Sent to:

The Anschtuz Corporation
2400 Anaconda Tower
Denver, Colorado 80202

Attn: John D. Haley

BWAB Incorporated
1000 City Center 4
1801 California Street
Denver, Colorado 80202

Attn: Ray O. Brownlie

Champlin Petroleum Company
5800 S. Quebec
Englewood, Colorado

Attn: T. J. Wheeler

Chevron, USA, Inc.
700 S. Colorado Blvd.
Denver, Colorado 80201

Mobil Rocky Mountain, Inc.
1225 17th Street
Denver, Colorado 80202

Attn: William E. Prichard

PanCandian Petroleum Company
600 17th Street, Ste, 1800 South
Denver, Colorado 80202

Attn: Donald R. Reeves

ANSCHUTZ RANCH EAST

Surface Owners Within One-Half Mile of the W29-14 Injection Well *

7/18/86

There are
additional
wells w/in
1/2 mile of some
of these wells.
— DBS

SURFACE OWNERS

Anschutz - Sec. 32
Anschutz - Sec. 30
Anschutz - Sec. 29
Anschutz - Sec. 29

of the W20-02 Injection Well *

SURFACE OWNERS

Anschutz - Sec. 20
Anschutz - Sec. 20
Anschutz - Sec. 20
Anschutz - Sec. 21
Anschutz - Sec. 17

Surface Owners Within One-Half Mile of the W30-08 Injection Well *

<u>WELL</u>	<u>TYPE</u>	<u>SURFACE OWNERS</u>
W30-02	Injecting	Anschutz - Sec. 30
W29-04	Producing	Anschutz - Sec. 29
W29-12	Injecting	Anschutz - Sec. 29
W30-16	Producing	Anschutz - Sec. 30
W30-10	Producing	Anschutz - Sec. 30

Surface Owners Within One-Half Mile of the W30-14 Injection Well *

<u>WELL</u>	<u>TYPE</u>	<u>SURFACE OWNERS</u>
W30-12	Injecting	Anschutz - Sec. 30
W30-10	Producing	Anschutz - Sec. 30
W30-15	Injecting	Anschutz - Sec. 30
W31-04	Producing	Anschutz - Sec. 31

*Amoco operates all the wells in the field.

As a matter of standard operating procedure, Amoco ensures (by CBL) that sufficient cement is in place at the top of the Nugget formation to provide isolation between the Nugget and Twin Creek formations.

Injection

Maximum injection rate - 70 MMSCFD
Maximum surface pressure - 6100 psi
Injection fluid - 65% hydrocarbon gas/35% nitrogen

A step rate test was conducted during February, 1985 on the ARE W20-14 injection well in the Nugget formation. One hundred percent nitrogen was used for the test. Injection rates started at 3 MMSCFD at a wellhead pressure of 3760 psi (BHP = 5329 psi) and were increased to a final rate of 60.5 MMSCFD at a wellhead pressure of 5552 psi (BHP = 6616 psi). A cartesian plot of injection rate versus bottomhole pressure shows that the Nugget formation did part at a pressure and rate less than that requested for W19-08. However, the parting pressure and rate vary between wells based upon the depth and perforated pay quality. The data on the W20-14 and previous step rate data show the fracture gradient in the Nugget Formation to be .51 psi/ft. Other injection wells do have higher injection rates and pressures and are not fracturing based upon the .51 psi gradient.

We do not expect to reach the parting pressure with the requested 6100 psi surface pressure and 70 MMSCFD rate because of the pressure losses caused by the transferral of the gas to the formation face. Amoco will collect data to ensure the W19-08 injection pressures are less than the parting pressure.

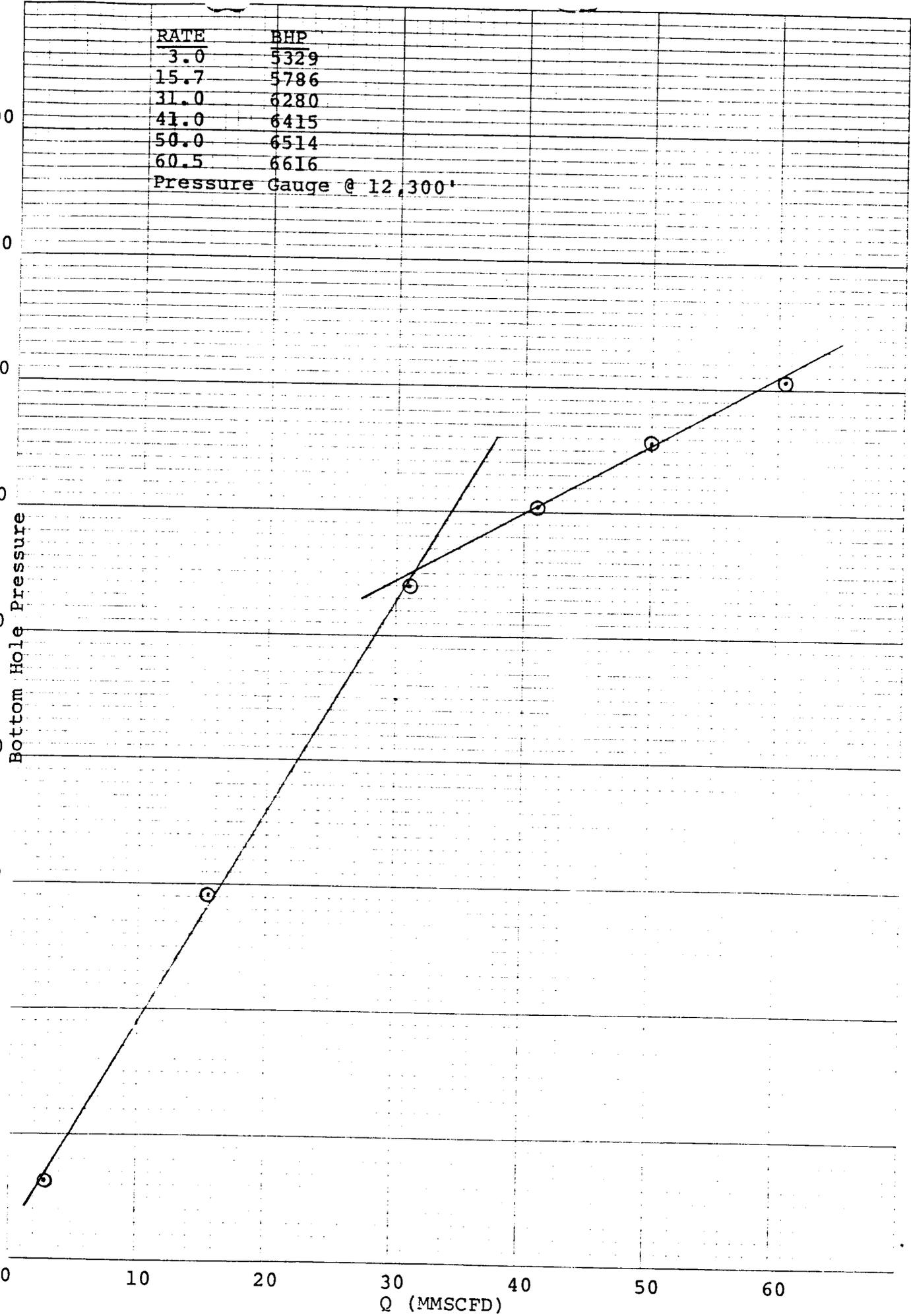
ANSCHUTZ W20-14 STEP RATE TEST

RATE	BHP
3.0	5329
15.7	5786
31.0	6280
41.0	6415
50.0	6514
60.5	6616

Pressure Gauge @ 12,300'

46 0700

10 X 10 TO THE INCH
KURTZ & SELLER CO. MADE IN USA



0 10 20 30 40 50 60
Q (MMSCFD)

Injection Operating Data

ARE Injection Wells

Design injection press = 6100 psi
Design injection rate = 450 MMSCFD total

RTU (remote terminal unit) at mixing station controls (remaining percentage hydrocarbon gas)

1. Max of 35% N₂ (excess is vented to atmosphere)
2. Max injection pressure of 6100 psi (vent N₂ to atmosphere to control press.) through a vent valve at the mixing station.

Safety Controls on all Compressors: (compressing gas to injection pressure)

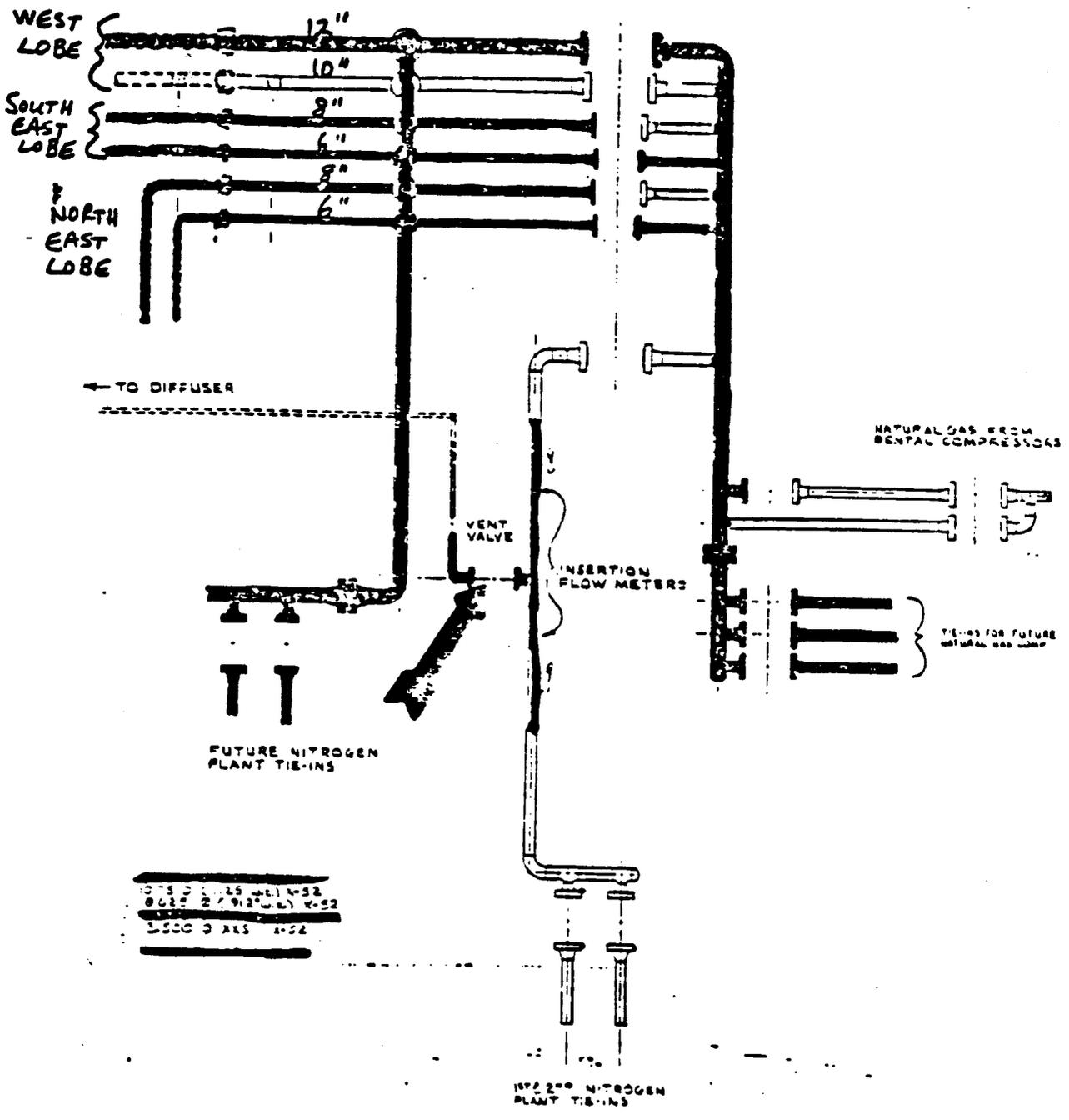
1. High pressure, high temperature shutdown switches.
2. Pressure relief valve (6200 psi)

Wellhead Safety equipment:

1. ESD valve on injection flowline - shuts down on a high casing-tubing annulus pressure (3000 psig)

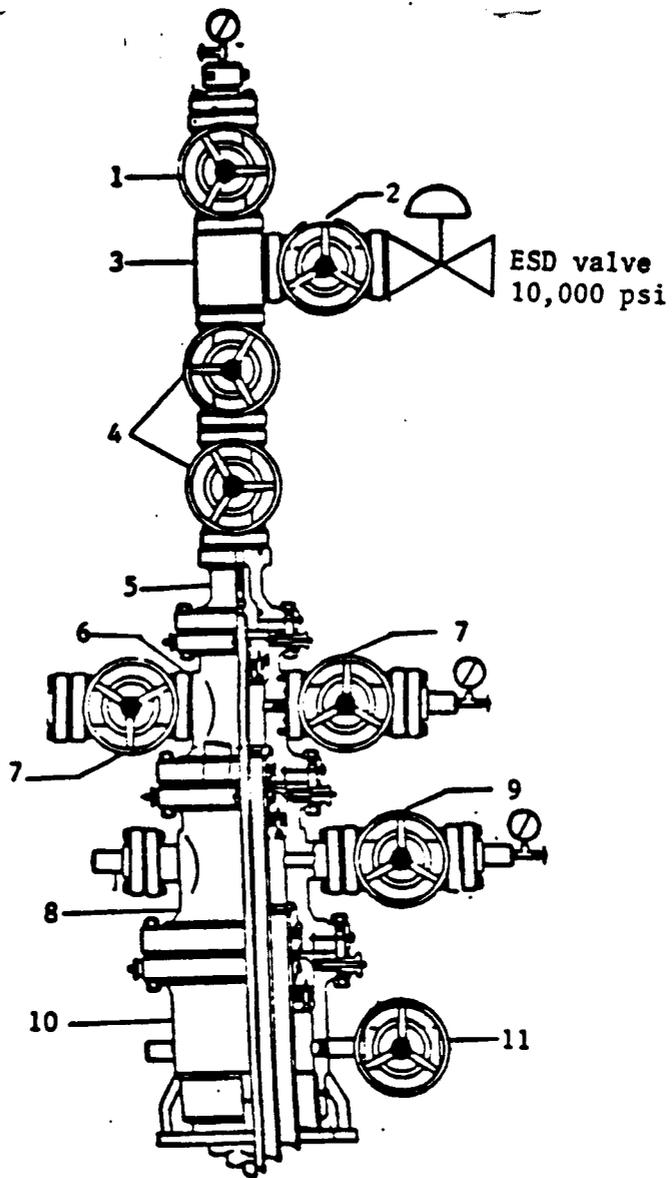
Contingency Plan

1. If high pressure shutdown occurs, the problem will be identified, the well shut-in, the high pressure will be bled off, and repair work will commence.



~~10-15-52 11-14-52~~
~~0-15-52 2-19-52~~
~~1-20-52 3-25-52~~

ARE Missing Station
 Scale - 1/4" = 1'
 04.10.54



1. Swab valve, 3-1/16" ID, 10,000 psi w.p.
2. Wing valve, 3-1/16" ID, 10,000 psi w.p.
3. Flow tee, 10,000 psi w.p.
4. Master valve, 3-1/16" ID, 10,000 psi w.p.
5. Adapter, 10,000 psi x 10,000 psi w.p.
6. Tubing spool, 5,000 psi x 10,000 psi w.p.
7. Gate valve, 1-13/16" ID, 10,000 psi w.p.
8. Intermediate casing spool, 3000 psi x 5000 psi w.p.
9. Gate valve, 2-1/6" ID, 5000 psi w.p.
10. Surface casing head, 3000 psi w.p.
11. Ball valve, 1-1/2" ID, 3000 psi w.p.

FIGURE 23. Typical Wellhead for Injection Wells

Formation Testing Programs

An extensive bottomhole pressure monitoring program is being conducted in the Anschutz Ranch East Field. Falloff tests are performed on each injection well quarterly. Buildups and static gradient surveys are run on selected producers periodically to help monitor the reservoir pressure. Occasionally, special tests such as step rate tests are conducted.

Continuous monitoring of produced fluids is being undertaken. An automated gas-chromatograph system is operational which samples all producing wells daily to determine if injection gas breakthrough has occurred.

MECHANICAL INTEGRITY TEST

In reference to Rule 1-5-b-8 concerning mechanical integrity tests, Amoco's procedure is to fill the casing with 2% KCL water after drilling out cement from the primary cement job and then apply 1000-1500 psi to the casing while running a CBL. This is a pressure test of about 7200-7700 psi at bottom-hole conditions in a 14,000' well. Additional tests are performed when cement retainers or packers are set. The annulus is usually tested to 1500 psi with 2% KCL water in the hole to make sure the cement retainers or packers are not leaking. The pressure is applied by pumping down the backside with a rig pump. When the final packer and production strings are set in the hole the casing tubing annulus is pressure tested to 1500-3000 psi with corrosion inhibited 2% KCL water in the casing-tubing annulus.

PRESSURE TESTING

In reference to Rule 1-6-a-3, a test of the casing to the maximum authorized injection pressure of the new injection wells, 5500 psi, using Amoco's procedure of testing with 2% KCL water in the hole would exceed the mechanical rating of the casing and possibly cause a failure. Therefore, Amoco recommends the following alternative: Test the casing to 1500 psi with 2% KCL water . Testing to 1500 psi with 2% KCL water in the hole will provide the same bottom-hole pressure as applying 5500 psi with gas in the hole. Amoco performs the test with water in the hole for safety considerations and to insure the annulus is not left full of gas, which would be necessary if the test was performed with gas. The casing tubing annulus is left filled with 2% KCL water with corrosion inhibitor.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

081124

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well to, or into, a reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

AUG 08 1986

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 829, EVANSTON, WYOMING 82930

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1411' FWL & 1192' FSL

14. PERMIT NO. 43-043-30185

15. ELEVATIONS (Show whether OF, ST, GR, etc.)
7730' KB 7705' GL

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Anschtuz Ranch East

8. FARM OR LEASE NAME
W30-14

9. WELL NO.
W30-14

10. FIELD AND POOL, OR WILDCAT
Nugget

11. SEC., T., S., M., OR BLK. AND SUBST OR AREA
Sec. 30, T4N, R8E

12. COUNTY OR PARISH
Summit

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Zone 1 will be perforated in the following intervals:

- 12,935' - 13,010'
- 13,035' - 13,055'
- 13,072' - 13,120'
- 13,130' - 13,162'
- 13,175' - 13,200'

Work will begin August 5, 1986 and should be complete by August 7, 1986.
Intention to do this work was confirmed with John Baza (UTO&G) by
Bruce Leggett (Amoco) on 8-5-86 @ 8:45 a.m.

18. I hereby certify that the foregoing is true and correct
SIGNED Van E. Prater TITLE District Fac. Eng. Supervisor DATE 8-5-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8-9-86
BY: John R. Baza

*See Instructions on Reverse Side

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

sent 8-15-86 mlr
P

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

082903

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschutz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1411' FWL & 1192' FSL		8. FORM OR LEASE NAME W30-14
14. PERMIT NO. 43-043-30185		9. WELL NO. W30-14
15. ELEVATIONS (Show whether of, to, or, etc.) 7730' KB 7705 GL		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

RECEIVED
AUG 08 1986

DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

An injection packer will be run and set at 12,650' and premium thread VAM tubing will be run in the well in order to prepare the well for conversion to buffer gas injection. Gas injection will not be initiated until Commission approval is given to convert the well to injection. Work should begin August 11, 1986 and should be complete by August 15, 1986.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/14/86
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED Vann E. Prober TITLE SRSTFPTR ENG. SUPERVISOR DATE 8-6-86

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---00000---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-084
OF AMOCO PRODUCTION COMPANY, U.S.A.,
FOR ADMINISTRATIVE APPROVAL TO :
INJECT GAS INTO PROPOSED CLASS II
GAS INJECTION WELLS LOCATED IN :
SECTIONS 20, 29 AND 30, TOWNSHIP 4
NORTH, RANGE 8 EAST, S.L.M., :
SUMMIT COUNTY, UTAH

---00000---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Amoco Production Company, P.O. Box
829, Evanston, Wyoming 82930, has requested administrative approval
from the Division to convert the following wells to Class II gas
injection wells:

ANSCHUTZ RANCH EAST UNIT - Summit County, Utah

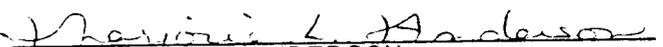
ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

INJECTION INTERVAL: Nugget Formation 11,850' - 13,838'
MAXIMUM ESTIMATED SURFACE PRESSURE: 6100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 80 MMSCFD

Approval of this Application will be granted unless any objections
are filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections should be mailed to the
Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355
West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah
84180-1203.

DATED this 22nd day of July, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

RECEIVED
AUG 12 1986

DIVISION OF
OIL, GAS & MINING

PROOF OF PUBLICATION



STATE OF UTAH, }
County of Summit, } ss.

I, Shirley B. Phelps

being first duly sworn, depose and say that I am the _____
bookkeeper of The Summit County Bee, a week-
ly newspaper of general circulation, published once each week at
Coalville, Utah, that the notice attached hereto and which is a
Notice of Application of Administrative
Approval Cause No. UIC-084

was published in said newspaper for _____¹ _____ con-
secutive issues, the first publication having been made on the
8 day of August, 1986, and the last
on the _____ day of _____, 19____, that said
notice was published in the regular and entire issue of every number
of the paper during the period and times of publication, and the same
was published in the newspaper proper and not in any supplement.

Shirley B. Phelps

Subscribed and sworn to before me this 8 day of
August, 1986

Susan F. Beep
Notary Public

My commission expires Nov 1, 1988

of the DIVISION OF
we SAND MINING
today ENT OF NATURAL
RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
APPLICATION OF AMOCO
PRODUCTION COMPANY, U.S.
A, FOR ADMINISTRATIVE AP-
PROVAL TO INJECT GAS INTO
PROPOSED CLASS II GAS
INJECTION WELLS LOCATED
IN SECTIONS 20, 29 AND 30,
TOWNSHIP 4 NORTH, RANGE
8 EAST, S.L.M., SUMMIT
COUNTY, UTAH

CAUSE NO. UIC-084

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that
Amoco Production Company,
P.O. Box 829, Evanston, Wyo-
ming 82930, has requested
administrative approval from the
Division to convert the following
wells to Class II gas injection
wells:

- ANSCHUTZ RANCH EAST
UNIT — Summit County, Utah
ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

INJECTION INTERVAL: Nugget
Formation 11,850'-13,838' MAX-
IMUM ESTIMATED SURFACE
PRESSURE: 6100 psig MAXI-
MUM ESTIMATED WATER IN-
JECTION RATE: 80 MMSCFD

Approval of this Application
will be granted unless any
objections are filed with the
Division of Oil, Gas and Mining
within fifteen days after pub-
lication of this Notice. Objections
should be mailed to the Division
of Oil, Gas and Mining,
Attention: UIC Program Man-
ager, 355 West North Temple, 3
Triad Center, Suite 350, Salt
Lake City, Utah 84180-1203.

DATED this 22nd day of July,
1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant
Published in the Summit
County Bee August 8, 1986.

Affidavit of Publication

STATE OF UTAH,
County of Salt Lake

SS.

Chris Anderson

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-084

IN THE MATTER OF THE APPLICATION OF AMOCO PRODUCTION COMPANY, U.S.A., FOR ADMINISTRATIVE APPROVAL TO INJECT GAS INTO PROPOSED CLASS II GAS INJECTION WELLS LOCATED IN SECTIONS 28, 29 AND 30, TOWNSHIP 4 NORTH, RANGE 8 EAST, S.L.M., SUMMIT COUNTY, UTAH.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Amoco Production Company, P.O. Box 829, Evanston, Wyoming 82930, has requested administrative approval from the Division to convert the following wells to Class II gas injection wells:

Aschets Ranch East Unit
Summit County, Utah
ARE #W20-02
ARE #W20-03
ARE #W20-04
ARE #W20-14

INJECTION INTERVAL: Nugget Formation 11,830' - 13,830'
MAXIMUM ESTIMATED SURFACE PRESSURE: 4100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 80 MMSCFD

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 250, Salt Lake City, Utah 84100-1253.

DATED this 22nd day of July, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No UIC-084

was published in said newspaper on

August 5, 1986

Chris Anderson
Legal Advertising Clerk

Subscribed and sworn to before me this 11th day of

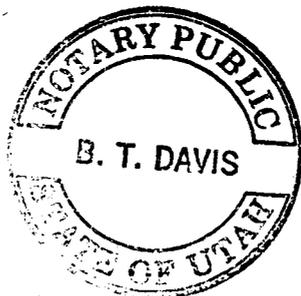
August A.D. 19.86

B. J. Davis

Notary Public

My Commission Expires

March 1, 1988



Public Notice was sent to the following:

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver, Colorado 80202-2413

Bureau of Land Management
consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

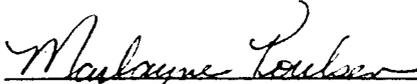
Bureau of Land Managment
Fluid Minerals Caller Service #4104
Farmington New Mexico 87499

Amoco Production Company
PO Box 829
Evanston, Wyoming 82930

Newspaper Agency
Legal Advertising
143 South Main
Mezzanine Floor
Salt Lake City, Utah 84114

Park Record
Legal Advertising
PO Box 3688
Park City, Utah

Summit County Bee
20 North Main
Legal Advertising
Coalville, Utah 84017



July 30, 1986

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SEE IT IN TRIPLICATE
(Refer instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. Fee
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		7. UNIT AGREEMENT NAME Anschtuz Ranch East
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		8. FARM OR LEASE NAME W30-14
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1411' FWL & 1192' FSL		9. WELL NO. W30-14
14. PERMIT NO. 43-043-30185		10. FIELD AND POOL, OR WILDCAT Nugget
15. ELEVATIONS (Show whether OF, ST, OR, etc.) 7730' KB 7705' GL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH 13. STATE Summit Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The following intervals were perforated at 4JSPF:

- 13,175' - 13,200'
- 13,035' - 13,055'
- 13,130' - 13,162'
- 13,072' - 13,120'

The interval 12,935' - 13,010' was perforated at one jet shot per two feet.

Work was completed by 8-7-86

RECEIVED

AUG 13 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Lon O. Buelmer TITLE Operations Supervisor DATE 8-11-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 26, 1986

Amoco Production Company
P.O. Box 829
Evanston, Wyoming 82930

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-084

Insofar as this Division is concerned, administrative approval is hereby granted to convert the following wells to Class II gas injection wells:

ANSCHUTZ RANCH EAST UNIT - Summit County, Utah

ARE #W20-02
ARE #W29-14
ARE #W30-08
ARE #W30-14

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the wells as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in black ink that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

mfp
7627U

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT TRIPLICATE*
(Other instructions on reverse side)

091102

14

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 829, EVANSTON, WYOMING 82930		7. UNIT AGREEMENT NAME Anschtuz Ranch East
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1411' FWL & 1192' FSL		8. FARM OR LEASE NAME W30-14
14. PERMIT NO. 43-043-30185	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7730' KB 7705' GL	9. WELL NO. W30-14
		10. FIELD AND POOL, OR WILDCAT Nugget
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T4N, R8E
		12. COUNTY OR PARISH Summit
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

An injection packer was run and set at 12,650'. A seal assembly and injection tubing were run in the well and a high pressure injection well head was installed. The well is currently shut-in awaiting injection flow line tie-ins. Well work was completed August 30, 1986.

RECEIVED
SEP 09 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Van E. P. [Signature] TITLE SRSTF EPT ENG. Supervisor DATE 9-5-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FIL WATER SANDS LOCATION INSPECTED OL & GAS SUB REPORT abd

* Well name change 2-9-83

111010

DATE FILED 9-8-81

LAND. FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN

DRILLING APPROVED 10-20-81

SPOUDED IN: 1-7-82

COMPLETED: 10-29-82 P.O.W. PUT TO PRODUCING: 12-1-82

INITIAL PRODUCTION: 1152 BOPD, 5363 MCF, 115 BWPD

GRAVITY API 45°

GOR 4655

PRODUCING ZONES 13,200 - 13,954 ngsd

TOTAL DEPTH 14,110

WELL ELEVATION 7730

DATE ABANDONED:

FIELD: UNDESIGNATED Anschutz Ranch East

UNIT:

COUNTY: SUMMIT

WELL NO ANSCHUTZ RANCH EAST #14-30 Unit #W 30-14 API NO .43-043-30185

LOCATION 1192 FT. FROM (N) (S) LINE. 1411 FT. FROM (E) (W) LINE. SE SW 1 4 - 1 4 SEC. 30

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				4N	8E	30	Amoco Production Co. RECKMONT

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgate Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
PRUSS 9905	Dakota	Park City	McCracken
TWIN CREEK 11,067	Burro Canyon	Rico (Goodridge)	Aneth
BUDGET 12,939	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



Commencement MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• AMOCO ROCKMOUNT COMPANY
P O BOX 829
EVANSTON WY 82930
ATTN: PRODUCTION & REVENUE

RECEIVED
OCT 30 1986
DIVISION OF OIL, GAS & MINING

Utah Account No. N1390

Report Period (Month/Year) 9 / 86

Amended Report

Well Name	Producing Zone	Days Oper	Production Volume Oil (BBL)	Gas (MSCF)	Water (BBL)
W30-14 4304330185 04540 04N 08E 30	NGSD	0**	— **	— **	— *
W01-06 (CHAMPLIN 185-A#1) 4304330188 04540 03N 07E 1	NGSD	29	27,565	317,177	4,204
W31-12 4304330190 04540 04N 08E 31	NGSD	27	42,715	297,148	407
W19-16 4304330204 04540 04N 08E 19	NGSD	28	60,422	537,881	8,202
W30-10 4304330215 04540 04N 08E 30	NGSD	28	27,455	283,731	403
W31-06 4304330217 04540 04N 08E 31	NGSD	27	32,638	321,358	72
W20-12 4304330220 04540 04N 08E 20	NGSD	28	45,352	428,076	15
ANSCHUTZ RANCH E28-06 4304330226 04540 04N 08E 28	NGSD	30	6,389	35,176	15,274
W36-10 4304330227 04540 04N 07E 36	NGSD	29	53,669	570,469	12
W20-02 4304330228 04540 04N 08E 20	NGSD	18	7,516	120,194	3
W20-10 4304330229 04540 04N 08E 20	NGSD	28	40,008	530,090	0
ANSCHUTZ W16-12 4304330231 04540 04N 08E 16	NGSD	29	19,466	254,786	62
W20-04 4304330238 04540 04N 08E 20	NGSD	28	42,825	254,116	9
TOTAL			406,020	3,950,202	28,663

Comments (attach separate sheet if necessary) ** converted to gas injection well - effective 9/1/86, please delete for Oct 86.

I have reviewed this report and certify the information to be accurate and complete.

Date 10/28/86

Louis H. Foye
Authorized signature

Telephone 307/789-1700



Commencement MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

RECEIVED
OCT 30 1986

• AMOCO ROCKMOUNT COMPANY
P O BOX 829
EVANSTON WY 82930
ATTN: PRODUCTION & REVENUE

DIVISION OF
OIL, GAS & MINING

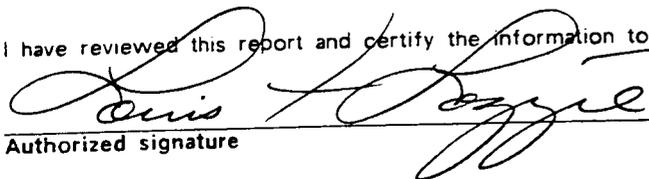
Utah Account No. N1390

Report Period (Month/Year) 9 / 86

Amended Report

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			Oil (BBL)	Gas (MSCF)	Water (BBL)
W30-14 4304330185 04540 04N 08E 30	NGSD	0**	— **	— **	— **
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ANSCHUTZ W16-12 4304330231 04540 04N 08E 16	NGSD	29	19,466	254,786	62
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TOTAL			406,020	3,950,202	28,663

Comments (attach separate sheet if necessary) ** converted to gas injection well - effective 9/1/86, please delete for Oct 86.

I have reviewed this report and certify the information to be accurate and complete. Date 10/28/86
 Telephone 307/789-1700
Authorized signature



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 14, 1992

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201

Gentlemen:

Re: Pressure Test for Mechanical Integrity, Class II Injection Wells in the Anschutz Ranch East Unit, Summit County, Utah

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing for the second five year period. Attached is a list of wells which need to be tested according to our records. Please make arrangements and ready the wells for testing during the week of August 10, 1992, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

Page 2
Pressure Test
July 14, 1992

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Mr. Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,



Gil Hunt
UIC Program Manager

ldc
Attachment
WOI52

WELLS TO BE TESTED

#W20-02
W29-02
W29-12
W29-14A
W02-10
W16-14
W19-08
W20-08
W20-14
W30-08
W30-14
W36-08
W31-05

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST

TEST DATE: 8-11-92 WELL OWNER/OPERATOR: Amoco - Rockwell
DISPOSAL WELL: ENHANCED RECOVERY WELL: ✓ OTHER:
API NO: 43- 043-30105 WELL NAME/NUMBER: AREH - #W 30-14
SECTION: 30 TOWNSHIP: 4N RANGE: 8E

INITIAL CONDITIONS:

TUBING - rate: pressure: 4450
CASING/TUBING ANNULUS - pressure: 175

CONDITIONS DURING TEST:

TUBING pressure: 4450 psi for 15 minutes
CASING/TUBING ANNULUS pressure: 1000 psi 15 min
annulus pressure drop during test: None psi

CONDITIONS AFTER TEST:

TUBING pressure: 4450 psi
CASING/TUBING ANNULUS pressure: 175 psi

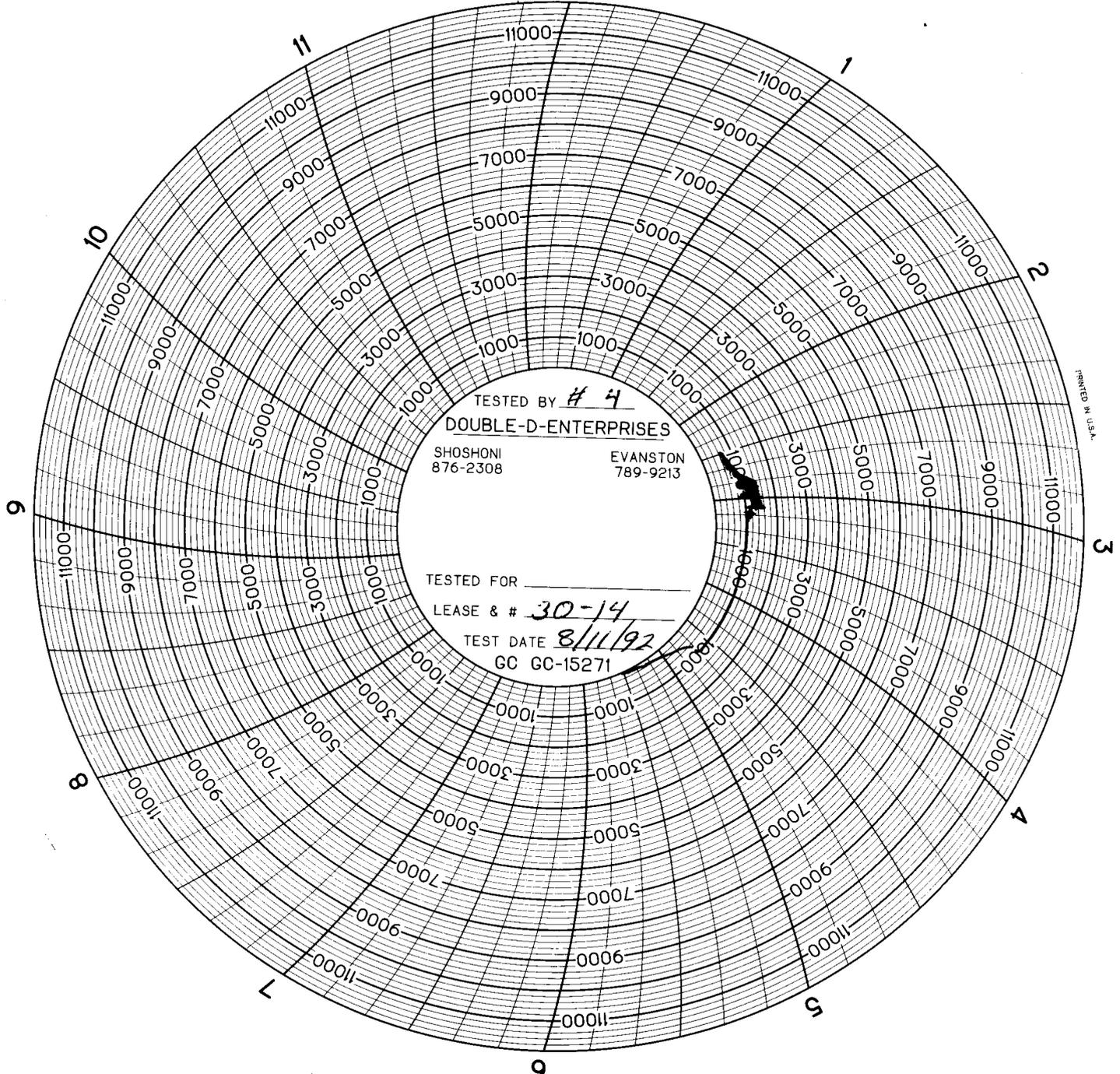
REMARKS:

OK

Russell L. Granger
OPERATOR REPRESENTATIVE

[Signature]
DOG M WITNESS

12



PRINTED IN U.S.A.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

20 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: FEE
2. Name of Operator: Amoco Production Company	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: P.O. Box 800 Room 1720A Denver, CO 80201	7. Unit Agreement Name: Anschutz Ranch East
4. Location of Well Footages: CO. FR. 1411' FWL x 1192' FSL → TO: 1195' FSL 1405' FWL	8. Well Name and Number: W30-14
OO, Sec., T., R., M.: Sec 30 T4N-R8E	9. API Well Number: 43-043-30185
	10. Field and Pool, or Wildcat: Anschutz Ranch East
	County: Summit
	State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input checked="" type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Conversion</u>	<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
	* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production requests authorization to convert the subject well from an injector to a producer of gas. No downhole work will be necessary at this time.

If you require additional information, please contact Raëlene Krcil @ (303) 830-5399.

13. Name & Signature: Raëlene K. Krcil Title: Regulatory Analyst Date: 2/14/96

(This space for State use only)

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 2-21-96
By: [Signature]

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

DEMETRIA MARTINEZ
 AMOCO ROCMOUNT COMPANY
 PO BOX 800
 DENVER CO 80201

UTAH ACCOUNT NUMBER: N1390

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
ANSCHUTZ RANCH EAST W17-16 4304330176	04540	04N 08E 17	NGSD			Free		
ANSCHUTZ RANCH EAST W30-08 4304330183	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W30-14 4304330185	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W01-06 4304330188	04540	03N 07E 1	NGSD			"		
ANSCHUTZ RANCH EAST W31-12 4304330190	04540	04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W19-16 4304330204	04540	04N 08E 19	NGSD			"		
ANSCHUTZ RANCH EAST W30-10 4304330215	04540	04N 08E 30	NGSD			"		
ANSCHUTZ RANCH EAST W31-06 4304330217	04540	04N 08E 31	NGSD			"		
ANSCHUTZ RANCH EAST W20-12 4304330220	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST E28-06 4304330226	04540	04N 08E 28	NGSD			"		
ANSCHUTZ RANCH EAST W36-10 4304330227	04540	04N 07E 36	NGSD			"		
ANSCHUTZ RANCH EAST W20-02 4304330228	04540	04N 08E 20	NGSD			"		
ANSCHUTZ RANCH EAST W20-10 4304330229	04540	04N 08E 20	NGSD			"		
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

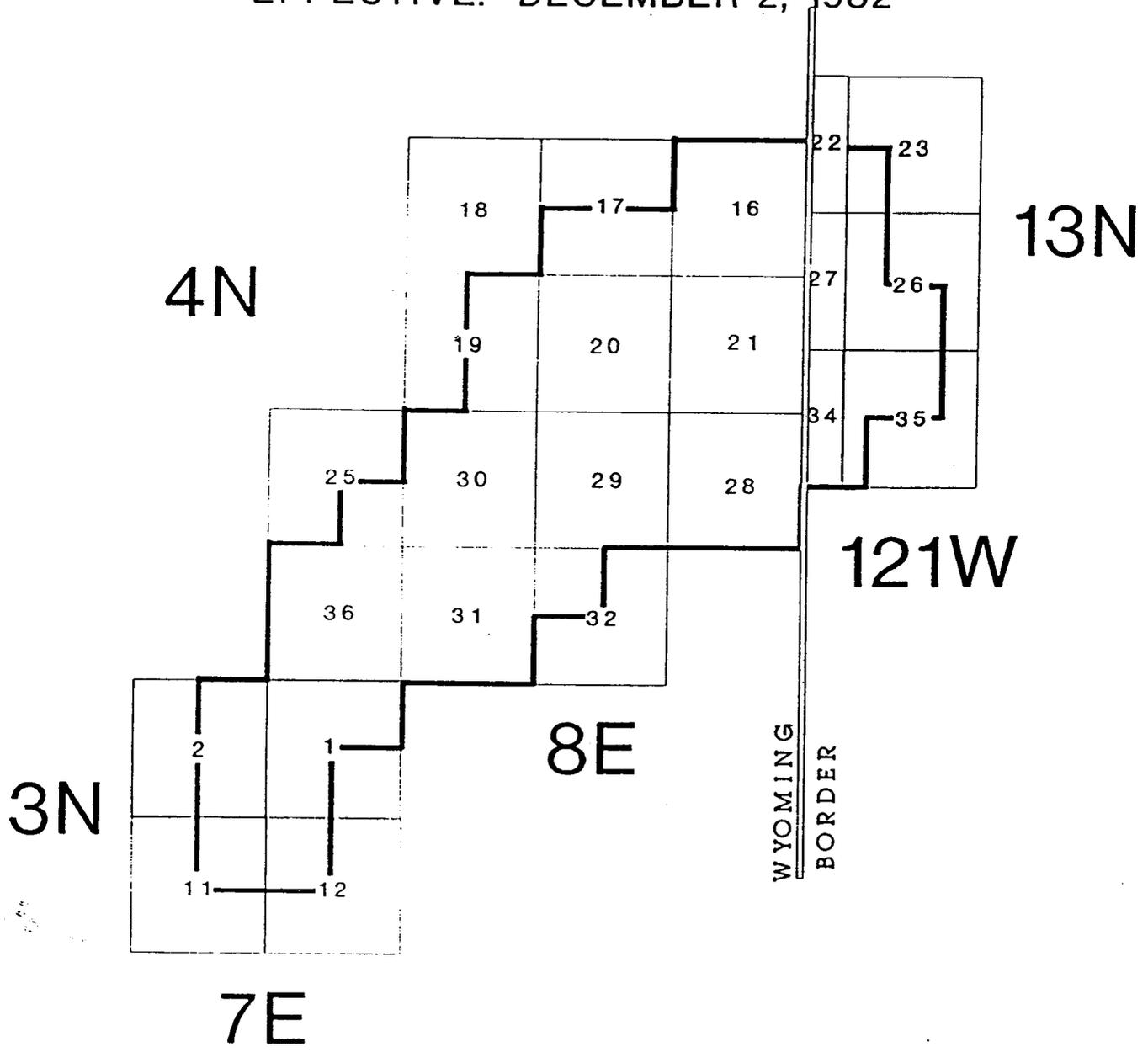
Name and Signature: _____

Telephone Number: _____

ANSCHUTZ RANCH EAST UNIT

Summit County, Utah

EFFECTIVE: DECEMBER 2, 1982



— UNIT OUTLINE (UTU67938X)

AS CONTRACTED DECEMBER 1, 1992

22,158.00 ACRES

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

6. If Indian, Allottee or Tribe Name:
Anschutz Ranch East

7. Unit Agreement Name:
W30-14

8. Well Name and Number:

9. API Well Number:
43-043-30185

10. Field and Pool, or Wildcat:
ARE

County: Summit
State: Utah

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number:
P.O. Box 800, Rm 812B, Denver, CO 80201 (303) 830-4781

4. Location of Well
Footages: 1411' FWL, 1192' FSL
OO, Sec., T., R., M.: Sec 30, T4N, R8E

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Other _____			

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production Company is now the operator of the above mentioned well. We will be operating under Utah Bond # 831094. This is effective 1/31/95.

If you require additional information, please contact Gigi Martinez @ (303) 830-4781.



Name & Signature: G. G. Martinez Title: Permit Agent Date: 2/5/98

(space for State use only)

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF DISSOLUTION OF "AMOCO ROCMOUNT COMPANY", FILED IN THIS OFFICE ON THE THIRTY-FIRST DAY OF JANUARY, A.D. 1995, AT 10 O'CLOCK A.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.

Change of operator. Amoco Rocmount to Amoco Production Co Effective 1/31/95



Edward J. Freel

Edward J. Freel, Secretary of State

0934277 8100

950022938

AUTHENTICATION:

7391913

DATE:

01-31-95

AMN: Lisha Cordova

801-359-3904

4 pages

*Ed Hadlock
Amoco Prod. Co*

303-830-4993

CERTIFICATE OF DISSOLUTION
OF
AMOCO ROCMOUNT COMPANY

AMOCO ROCMOUNT COMPANY, a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That dissolution was authorized on January 19, 1995.

SECOND: That dissolution has been authorized by the unanimous written consent of all of the stockholders of the corporation entitled to vote on a dissolution in accordance with the provisions of subsection (c) of section 275 of the General Corporation Law of the State of Delaware.

THIRD: That the names and addresses of the directors and officers of AMOCO ROCMOUNT COMPANY are as follows:

DIRECTORS

<u>NAMES</u>	<u>ADDRESSES</u>
J. M. Brown	501 WestLake Park Boulevard Houston, TX 77079
J. M. Gross	501 WestLake Park Boulevard Houston, TX 77079
D. H. Welch	200 East Randolph Drive Chicago, IL 60601

OFFICERS

<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
J. M. Brown	President	501 WestLake Park Blvd. Houston, TX 77079
M. R. Gile	Vice President	1670 Broadway Denver, CO 80202
J. N. Jagers	Vice President	1670 Broadway Denver, CO 80202

<u>NAMES</u>	<u>OFFICES</u>	<u>ADDRESS</u>
D. H. Welch	Vice President	200 East Randolph Drive Chicago, IL 60601
J. M. Gross	Secretary	501 WestLake Park Blvd. Houston, TX 77079
R. B. Wilson	Assistant Secretary	1670 Broadway Denver, CO 80202
Rebecca Gormezano	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
C. F. Helm	Assistant Secretary	519 S. Boston Tulsa, OK 74103
A. L. Haws	Assistant Secretary	501 WestLake Park Blvd. Houston, TX 77079
Daniel B. Pinkert	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
G. L. Paulson	Assistant Secretary	1670 Broadway Denver, CO 80202
J. E. Rutter	Assistant Secretary	501 WestLake Park Blvd. - Houston, TX 77079
J. L. Siddall	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
M. J. Stonecipher	Assistant Secretary	519 S. Boston Tulsa, OK 74103
Rebecca S. McGee	Assistant Secretary	1670 Broadway Denver, CO 80202
Gerald M. Wilson	Assistant Secretary	200 East Randolph Drive Chicago, IL 60601
Marsha Williams	Treasurer	200 East Randolph Drive Chicago, IL 60601

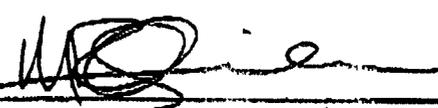
IN WITNESS WHEREOF, said AMOCO ROCMOUNT COMPANY has caused this certificate to be signed by M. R. Gile, its Vice President, and attested by Rebecca S. McGee, its Assistant Secretary, this 26th day of January, 1995.

AMOCO ROCMOUNT COMPANY

ATTEST:

By Rebecca S. McGee
Assistant Secretary

By


M. R. Gile, Vice President

STATE OF COLORADO)
)
CITY OF DENVER) ss.

I, Sheryl A. White, a Notary Public, do hereby certify that M. R. GILE and Robert S. McGee of the above named AMOCO ROCMOUNT COMPANY, personally known to me to be the same persons whose names are subscribed to the foregoing instrument as Vice President and Assistant Secretary, respectively, appeared before me this day in person, and acknowledged that they signed, sealed and delivered the said instrument as the free and voluntary act of said AMOCO ROCMOUNT COMPANY, and as their own free and voluntary act as Vice President and Assistant Secretary, respectively, for the uses and purposes therein set forth.

GIVEN under my hand and official seal this 26th day of January, 1995.

Sheryl A. White
Notary Public



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 26, 1998

G. G. Martinez
Amoco Production Company
P. O. Box 800, Room 812B
Denver, Colorado 80201

Re: Notification of Sale or Transfer of Fee Lease Interest

The Division has received notification of a change of operator from Amoco Rocmount Company to Amoco Production Company for the following wells which are located on fee leases:

<u>Well Name</u>	<u>Sec.-T.-R.</u>	<u>API Number</u>
(Anschutz Ranch East "ARE")		
ARE W20-08	20-04N-08E	43-043-30123
ARE 29-04ST1	29-04N-08E	43-043-30129
ARE E21-14	21-04N-08E	43-043-30130
ARE W21-04	21-04N-08E	43-043-30135
ARE W29-02	29-04N-08E	43-043-30136
ARE W16-06	16-04N-08E	43-043-30138
ARE W20-16	20-04N-08E	43-043-30148
ARE W30-16	30-04N-08E	43-043-30156
ARE W36-16	36-04N-07E	43-043-30157
ARE W20-06	20-04N-08E	43-043-30159
ARE W32-04	32-04N-08E	43-043-30162
ARE W31-08	31-04N-08E	43-043-30164
ARE W31-04	31-04N-08E	43-043-30165
ARE W17-16	17-04N-08E	43-043-30176
ARE W30-08	30-04N-08E	43-043-30183
ARE W30-14	30-04N-08E	43-043-30185
ARE W01-06	01-03N-07E	43-043-30188
ARE W31-12	31-04N-08E	43-043-30190
ARE W19-16	19-04N-08E	43-043-30204
ARE W30-10	30-04N-08E	43-043-30215
ARE W31-06	31-04N-08E	43-043-30217

Page 2

G. G. Martinez

Notification of Sale

February 26, 1998

ARE W20-12	20-04N-08E	43-043-30220
ARE E28-06	28-04N-08E	43-043-30226
ARE W36-10	36-04N-07E	43-043-30227
ARE W20-02	20-04N-08E	43-043-30228
ARE W20-10	20-04N-08E	43-043-30229
ARE W16-12	16-04N-08E	43-043-30231
ARE W20-04	20-04N-08E	43-043-30238
ARE W29-06A	29-04N-08E	43-043-30250
ARE W29-14A	29-04N-08E	43-043-30251
ARE E28-12	28-04N-08E	43-043-30257
ARE W01-04	01-03N-07E	43-043-30270
ARE W01-12	01-03N-07E	43-043-30271
ARE W30-06	30-04N-08E	43-043-30273
ARE W11-1	11-03N-07E	43-043-30277
ARE W30-13	25-04N-07E	43-043-30279
ARE W12-04	02-03N-07E	43-043-30283
ARE W20-09	20-04N-08E	43-043-30286
ARE W20-03	20-04N-08E	43-043-30291

Utah Administrative Rule R649-2-10 states; the owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred.

This letter is written to advise Amoco Production Company of its responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the change of operator. Please provide written documentation of this notification to:

Utah Royalty Owners Association
Box 1292
Roosevelt, Utah 84066

Page 3

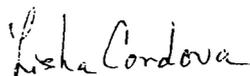
G. G. Martinez

Notification of Sale

February 26, 1998

Your assistance in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Lisha Cordova".

Lisha Cordova
Admin. Analyst, Oil & Gas

cc: Amoco Rocmount Company, Ed Hadlock
Utah Royalty Owners Association, Stephen Evans
John R. Baza, Associate Director
Operator File(s)

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-VLD ✓
2-GLHD ✓	7-KAS ✓
3-EPSC ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (~~well sold~~) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 1-31-95

TO: (new operator)	<u>AMOCO PRODUCTION COMPANY</u>	FROM: (old operator)	<u>AMOCO ROCMOUNT COMPANY</u>
(address)	<u>PO BOX 800</u>	(address)	<u>PO BOX 800</u>
	<u>DENVER CO 80201</u>		<u>DENVER CO 80201</u>
			<u>ED HADLOCK</u>
Phone:	<u>(303)830-5340</u>	Phone:	<u>(303)830-5340</u>
Account no.	<u>N0050</u>	Account no.	<u>N1390</u>

WELL(S) attach additional page if needed: ***ANSCHUTZ RANCH EAST UNIT**

Name: **SEE ATTACHED**	API: <u>43-043-30185</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Reg. 2-19-98) (Rec'd 2-26-98)
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 2-11-98)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- LEC 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (2-26-98) *QuattroPro/WIC "No Chg.", DBASE/WIC "No Chg." (See comments)
- LEC 6. **Cardex** file has been updated for each well listed above. (2-26-98)
- LEC 7. Well **file labels** have been updated for each well listed above. (2-26-98)
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (2-26-98)
- LEC 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
4540 "Unit Entity"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

Surety No. 831094 (80,000) Issued by Seaboard Surety Co. in behalf of Amoco Prod. Co. and Amoco Rockmount Co.

- Sec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operator's bond files.
- Sec 3. The FORMER operator has requested a release of liability from their bond (yes/no) (no) _____, as of today's date 2-19-98. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Sec 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated Feb. 26, _____ 19 98, of their responsibility to notify all interest owners of this change.

FILMING

- B 1. All attachments to this form have been microfilmed. Today's date: 3.20.98.

FILING

- CHD 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

980219 recognized oper. for Anschutz Ranch East Unit (State Unit) already Amoco Production Co.

* UIC wells (Disposal & Gas Injection) were never changed to Amoco Rockmount Company, no change necessary! They were changed in 3270 and have now been changed back to Amoco Prod. Co.

```

02/26/98          D E T A I L   W E L L   D A T A          menu: opt 00
api num:  4304330185   prod zone: NGSD   sec   twnshp   range   qr-qr
entity:   4540   : ANSCHUTZ RANCH EAST U           30   4.0   N     8.0   E   SESW
well name: ANSCHUTZ RANCH EAST W30-14
operator: N0050 : AMOCO PRODUCTION COMPANY          meridian: S
field:    505   : ANSCHUTZ RANCH EAST
confidential flag: confidential expires:          alt addr flag:
      * * * application to drill, deepen, or plug back * * *
lease number: FEE          lease type: 4          well type:      GW
surface loc:  1195 FSL 1405 FWL   unit name: ANSCHUTZ RANCH EAST
prod zone loc: 1195 FSL 1405 FWL   depth:        13400   proposed zone: NGSD
elevation:    7705' GR          apd date:    811020   auth code:  183-2
* * completion information * *   date recd:          la/pa date:
spud date:    820107          compl date: 821029   total depth: 14110'
producing intervals: 12935-13954'
bottom hole:  0620 FSL 2059 FWL   first prod: 821201   well status:   PGW
24hr oil: 1152   24hr gas: 5363   24hr water: 115     gas/oil ratio: 4655
      * * well comments:          directionl: D       api gravity:   45.00
820310 LOC FR 1192 FSL 1411 FWL:830209 NM FR ANSCHUTZ U14-30:860516 OP FR
AMOCO:860826 CONV GIW:860901 COMM GIW:961023 FR GIW:980226 FR N1390 1-31-95:

opt: 21 api: 4304330185 zone: NGSD date(yyymm): 9600 enty          acct:

```

DATE 02/26/98

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS

4.0 N 8.0 E 30 SESW S 43-043-30185 NGSD PGW

OPERATOR: N0050 : AMOCO PRODUCTION COMPANY

WELL NAME: ANSCHUTZ RANCH EAST W30-14

ENTITY: 4540 : ANSCHUTZ RANCH EAST U

ACCT	ENTY	STAT	DAYS	OIL PROD	GAS PROD	WATER PROD	PERIOD
CUM THRU 12/31/96				2,779,647	19,035,178	76,234	
N1390	4540	PGW	29	2,838	606,848	0	96-08
N1390	4540	PGW	20	2,127	272,971	0	96-09
N1390	4540	PGW	28	4,490	484,645	0	96-10
N1390	4540	PGW	29	4,921	485,306	0	96-11
N1390	4540	PGW	31	5,077	471,546	0	96-12
YTD				19,453	2,321,316	0	

OPT: 13 API: 4304330185 ZONE: NGSD PERIOD(Yymm): 9600 ENTY: 0 ACCT:

DATE 02/26/98

PRODUCTION INQUIRY SCREEN

MENU: OPTION 00

TWNSHP RANGE SC SPOT MD. API ZONE STATUS
4.0 N 8.0 E 30 SESW S 43-043-30185 NGSD PGW

OPERATOR: N0050 : AMOCO PRODUCTION COMPANY

WELL NAME: ANSCHUTZ RANCH EAST W30-14

ENTITY: 4540 : ANSCHUTZ RANCH EAST U

ACCT	ENTY	STAT	DAYS	OIL PROD	GAS PROD	WATER PROD	PERIOD
CUM THRU 12/31/96				2,779,647	19,035,178	76,234	
N1390	4540	PGW	31	5,931	578,573	0	97-01
N1390	4540	PGW	28	6,130	523,052	0	97-02
N1390	4540	PGW	31	6,061	553,848	0	97-03
N1390	4540	PGW	30	6,148	488,278	0	97-04
N1390	4540	PGW	30	6,421	548,381	0	97-05
N1390	4540	PGW	29	8,105	535,908	0	97-06
N1390	4540	PGW	31	9,578	585,746	0	97-07
N1390	4540	PGW	28	8,596	343,873	0	97-08
N1390	4540	PGW	30	8,870	582,274	0	97-09
N1390	4540	PGW	31	8,808	536,657	0	97-10
N1390	4540	PGW	25	6,171	332,803	0	97-11
YTD				80,819	5,609,393	0	

OPT: 13 API: 4304330185 ZONE: NGSD PERIOD(YMM): 9700 ENTY: 0 ACCT:

BP Amoco**FACSIMILE TRANSMISSION**

To: State of Utah Department of Natural Resources Division of Oil, Gas, and Mining Attention: Bob Krueger Fax No.: 801-359-3940	From: Jon Lowe BP Amoco Exploration Western U.S. Gas Business Unit P.O. Box 3092 Houston, Texas 77253-3092 Telephone: 281-366-5798 Reply Fax: 281-366-7937
Date: June 7, 2000	No. of Pages Including Cover: 13

Please see attached

Thank you,

Jon Lowe

This communication is intended for the use of the party to which it is addressed and may contain information that is privileged or confidential under applicable law. If you are not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is not permitted. If you have received this communication in error, please notify us immediately and then destroy this communication. Thank you.

:/Vathaway.doc

FORM 0

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. License Classification and Serial Number:
FEE

6. If Inactive, Address of True Name:

7. Well Agreement Number:
Anschutz Ranch East

8. Well Name and Number:
ARE W30-14

9. API Well Number:
430433018500

10. Field and Pool, or Lease:
Anschutz Ranch East

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for operations in oil, gas, geothermal, or in shallow geothermal wells, or in shallow geothermal and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such operations.

1. Type of Well: OIL GAS OTHER

2. Name of Operator:
Amoco Production Company

3. Address and Telephone Number: (Ph (281) 366-5798)
501 Westlake Park Blvd, Houston, TX 77253-3092

4. Location of Well
 Postage: **1411' FWL x 1192' FSL**
1405 1195
 Oil, Gas, T, R, M: **Section: 30 TWP: 4N RGE: 8E**

County: **Summit**
State: **Utah**

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Check in Outlines)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other **Pull Completion - Flow up casing**
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT
(Return Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

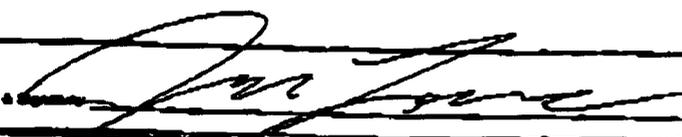
Approximate date work will start: **July 5, 2000**

Date of work completion: _____

Report results of Multiple Completions and Reperforations to relevant authority on WELL COMPLETION OR RECOMPLETION REPORT AND LOG SHEET.
* Must be accompanied by a correct completion report.

12. GEOSIDE PROPOSED OR COMPLETED OPERATIONS Clearly state all pertinent details, and give pertinent data. If used in conjunction with other geoside notices and reports, and the vertical depth for all sections and boreholes (primary in this case).

- Following the continued success of tubing pulls at ARE we plan to pull the tubing on W30-14.
- Please see attached procedure.

13. Name & Signature:  Operations Engineer Date: **6/7/00**

(This space for State use only)

APPROVED
The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: **6-8-00**

COPY SENT TO OPERATOR
Date: **6-8-00**
Initials: **CHD**

Workover Procedure Anschutz Well No. W30-14

Location: Section 30, T04N-R08E County: Summit State: Utah

Objective: Pull the tubing string without losing water to the formation with workover rig.

Caution: Please review well history and completion diagram in detail before proceeding.

Conduct all pre-workover safety meetings.

NOTE: Xmas tree is to be completely refurbished and tested. A second valve is to be installed on the wellhead annular outlet while the well is dead with downhole plugs in place. This is to provide double barrier protection with rigging up lines to the annulus.

1. Rigup workover rig, two tanks (500 bbls each), piping, annulus manifold, and pumps for pumping kill weight fluid (water) down the annulus and tubing if necessary. (Have Xmas tree sent in for complete rebuild.)
2. Shut well in and shutoff chemical injection (if applicable).
3. Rig up Schlumberger electric line unit and lubricator. Rig up Nitrogen tanks and pumps. Tie in N2 to the casing and tubing annulus. Pressure test all lines to 3000 psi for 5 minutes. Pressure test lubricator to 3000 psi for 5 minutes.
4. RIH with electric line, CCL, and cast iron bridgeplug. Find bottom of tailpipe and set plug approximately ██████ (see 3/87 gauge run for approximate depth) above bottom.
5. Pickup tubing string approximately 20 ft and sting out of the Baker "Retrieva DB" production packer at 12,650 ft. With locator seal assembly. NOTE: Annular hydrostatic pressure is approximately 5000 psi. Prior to stringing out of packer fill tubing string with fresh water to minimize differential.
6. Immediately begin pumping down the annulus and up the tubing with 2% KCL water to clear downhole debris. Displace with water until returns and packer top is clean.
7. Begin pumping down the tubing with nitrogen displacing water up the annulus to a 500 bbl holding tank until the tubing and annulus are near dry. Leave enough clean water in the casing to balance well pressure (acts as second barrier). Rig down N2 equipment.

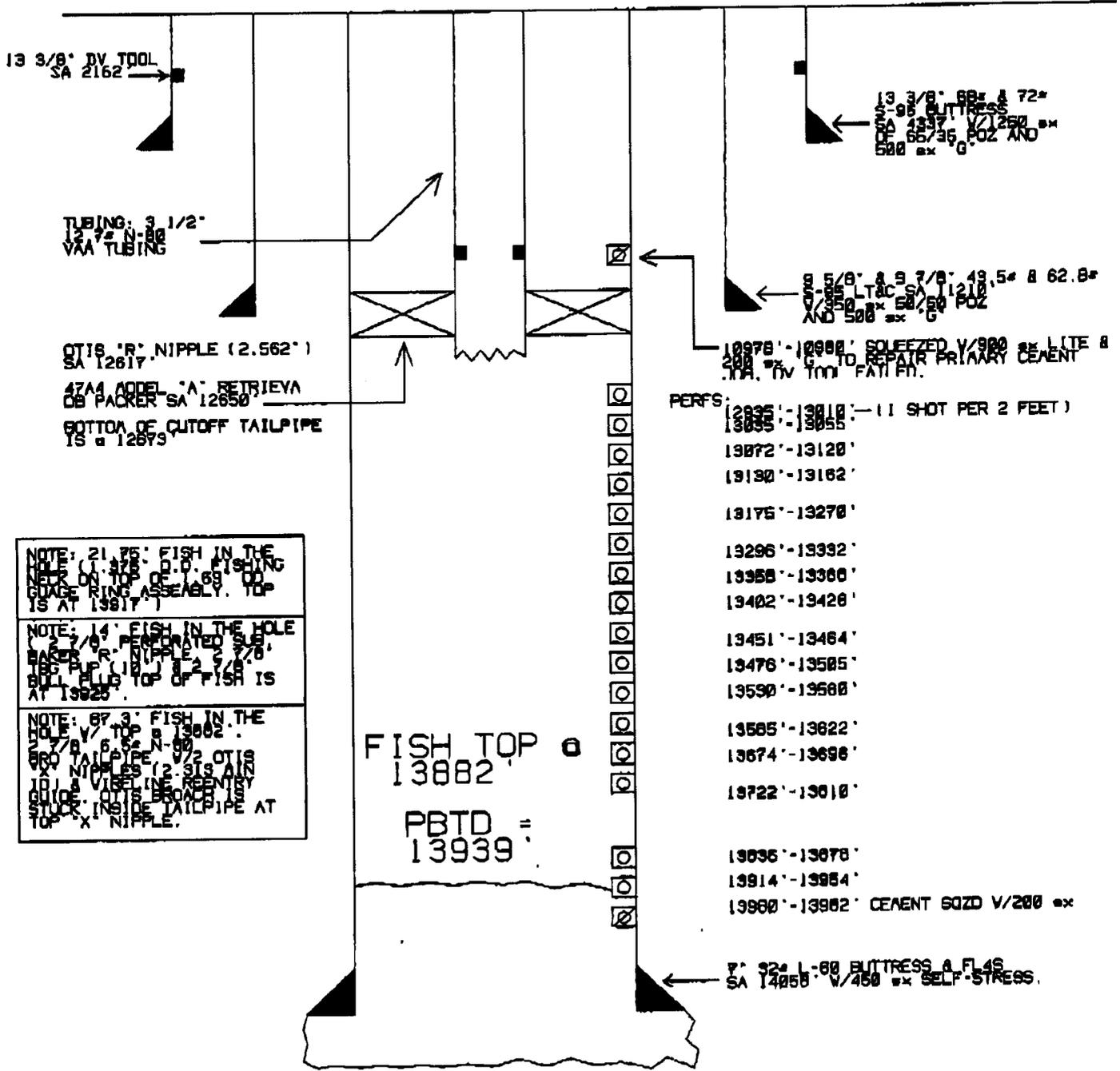
8. Bleed nitrogen pressure off the annulus. Check well for flow.
9. Pull out of hole with the tubing string laying down in singles.
10. Rig up electric line and chemical cutter to prepare to cutoff tailpipe. Pressure up 7" casing with N2 to approximately 1000 psi. Total hydrostatic will be approximately 2325 psi.
11. RIH with chemical cutter. Tag top of bridgeplug. Pickup 1 ft and cut tail pipe off. POOH rig down chemical cutter.
12. Rig up Weatherford e-line and caliper. Run 40 arm caliper (tool OD 3.55") from 12,650 ft to surface to check casing ovality and pitting problems. Immediately report any ovality concerns to Houston ext 5798.
13. Rigup lubricator with 6 ft completion inside. Pressure test lubricator RIH with centralized wireline re-entry guide, Otis 2.562" "R" nipple and hanger. (Provides double barrier protection for surface seals.)
14. Land and tighten hanger. Rig down. Place well on production.

NOTE: Any time lubricator connection is broken lubricator must be retested to 3000 psi for 5 minutes.

LAST UPDATED:
7/30/86

ANSCHUTZ RANCH EAST WELLBORE DIAGRAM W30-14

LOCATION: 1411 F.W.L. x 1192 F.S.L. SEC. 30 T4N R8E
ELEVATION: 7730 K.B. / 7705 G.L.



NOTE: 21.75' FISH IN THE
HOLE (1.375" D.D. FISHING
GAUGE ON TOP OF 69' DD
GAUGE RING ASSEMBLY. TOP
IS AT 13917')

NOTE: 14' FISH IN THE HOLE
PACER "R" NIPPLE SUB,
166 PUF (1.375" & 2 7/8"
SOIL PLUG TOP OF FISH IS
AT 13925')

NOTE: 67.3' FISH IN THE
HOLE (V/ TOP @ 13002'.
670 NIPPLE (1.375" N-80
X NIPPLES (2.315" OTIS
DB PACKER & VAA TUBING
STUCK INSIDE TAILPIPE AT
TOP X NIPPLE.

FISH TOP @
13882'
PBSD =
13939'

TD - 14110'

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: See Attached
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		8. WELL NAME and NUMBER: See Attached
2. NAME OF OPERATOR: Amoco Production Company		9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 501 Westlake Park Blvd, Houston CITY STATE TX ZIP 77079		10. FIELD AND POOL, OR WILDCAT: See Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		COUNTY: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

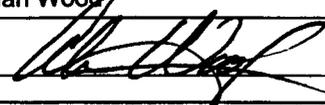
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Amoco Production Company proposes to change its name to BP America Production Company, effective December 31, 2001. Mailing addresses and designated agents shall remain the same.

Attached to this sundry is a listing of wells currently operated by Amoco Production Company. This list includes all wells with the exception of those wells which have a plugged or D&A status.

Also attached for the Board's file is a copy of the Board Resolution approving the name change.

NAME (PLEASE PRINT) Alan Wood TITLE Regulatory Engineer
SIGNATURE  DATE 12/11/2001

(This space for State use only)

RECEIVED

DEC 13 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES OF AMERICA §
STATE OF TEXAS §
COUNTY OF HARRIS §
CITY OF HOUSTON §

CERTIFICATE

M. S. Haskins, of lawful age, first being duly sworn on oath, deposes and says:

1. That she is the duly elected, qualified and acting Assistant Secretary of Amoco Production Company, a corporation organized and existing under the laws of the State of Delaware, U.S.A.;

2. That on November 12, 2001, by consent action of the Board of Directors of Amoco Production Company (hereinafter referred to as "Company"), the following resolutions were adopted:

WHEREAS, in connection with BP America Inc.'s ("BP") integration of Atlantic Richfield Company ("ARCO") and Vastar Resources, Inc. ("Vastar"), BP has elected to reorganize, consolidate and merge its upstream onshore Lower 48 assets into a single legal entity to align BP's legal structure with its business organization and to improve operating efficiencies; and

WHEREAS, BP desires Amoco Production Company ("Company") to be such single legal entity for the purposes of such reorganization, consolidation and merger; and

WHEREAS such reorganization, consolidation and merger shall be accomplished by December 31, 2001 pursuant to a Reorganization Agreement ("Agreement") by and between ARCO and BP Company North America Inc. ("BP Company NA"), the parent of Company, resulting in ARCO's upstream onshore Lower 48 assets being transferred to Company and Vastar being merged into Company; and

WHEREAS, pursuant to such Agreement, asset, stock and liability transfers will occur in consideration for Class B common stock of BP Company NA and Company's agreement to assume all obligations and indemnify ARCO for all past and future liabilities relating to such transfers; and

WHEREAS, in connection with such reorganization, Company desires to change its name to BP America Production Company, effective December 31, 2001 with corporate seal as follows; and



WHEREAS all officers and directors of Company will remain unchanged.

NOW, THEREFORE, BE IT,

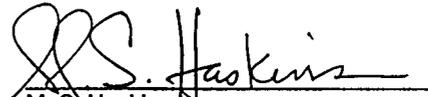
RESOLVED, Company will accept asset, stock and liability transfers effective December 31, 2001 pursuant to the Agreement and will assume all obligations and indemnify ARCO for all past or future liabilities relating to such transfers.

FURTHER RESOLVED, Company will change its name and corporate seal to BP America Production Company, effective December 31, 2001 and all officers and directors will remain unchanged.

3. That the aforesaid resolutions have not been amended, rescinded, or annulled, but remain in full force and effect on the date hereof.

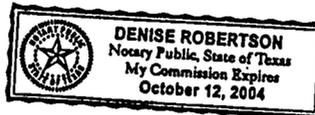
EXECUTED in the City of Houston, State of Texas, on this the 13 day of November, 2001.




M. S. Haskins

SUBSCRIBED and sworn to before me this 13 day of November, 2001.

(Notary Seal)




NOTARY PUBLIC, STATE OF TEXAS

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	Sec	Twp-Rng
43-043-30096-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30106-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST 34-2	SWD	Active Well	ANSCHUTZ RANCH EAST	34	4N-7E
43-043-30123-00-00	AMOCO PRODUCTION CO	ARE W20-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30129-00-00	AMOCO PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30130-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30135-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	21	4N-8E
43-043-30136-00-00	AMOCO PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30138-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	16	4N-8E
43-043-30139-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING C-1	SWD	Active Well	ANSCHUTZ RANCH EAST	26	4N-7E
43-043-30143-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30145-00-00	AMOCO PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30148-00-00	AMOCO PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30154-00-00	AMOCO PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	29	4N-8E
43-043-30156-00-00	AMOCO PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30157-00-00	AMOCO PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30159-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	20	4N-8E
43-043-30161-00-00	AMOCO PRODUCTION CO	ISLAND RANCHING D-1	Gas Well	Shut_In	WEBER FORMATION	14	4N-7E
43-043-30162-00-00	AMOCO PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	32	4N-8E
43-043-30164-00-00	AMOCO PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30165-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-04 E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30167-00-00	AMOCO PRODUCTION CO	ARE W36-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	36	4N-7E
43-043-30168-00-00	AMOCO PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	9	3N-7E
43-043-30170-00-00	AMOCO PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	23	4N-7E
43-043-30176-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	17	4N-8E
43-043-30183-00-00	AMOCO PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30185-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W30-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30188-00-00	AMOCO PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30190-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30204-00-00	AMOCO PRODUCTION CO	ANSCHUTZ RANCH EAST W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	19	4N-8E
43-043-30209-00-00	AMOCO PRODUCTION CO	ARE W1-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	1	3N-7E
43-043-30215-00-00	AMOCO PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30216-00-00	AMOCO PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E
43-043-30217-00-00	AMOCO PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	31	4N-8E
43-043-30218-00-00	AMOCO PRODUCTION CO	ARE W30-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	30	4N-8E

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/14/2001

4. Is the new operator registered in the State of Utah: YES Business Number: PENDING

5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change) for all wells listed on Federal or Indian leases on: N/A

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communitization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 12/17/2001

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/17/2001

3. Bond information entered in RBDMS on: 12/11/2001

4. Fee wells attached to bond in RBDMS on: 12/17/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

INDIAN BOND VERIFICATION:

1. Indian well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 103172911249

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 12/19/2001

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Anschutz Ranch East
2. NAME OF OPERATOR: Amoco Production Company		8. WELL NAME and NUMBER: W30-14
3. ADDRESS OF OPERATOR: P.O. Box 3092 CITY Houston STATE TX ZIP 77253-3092		9. API NUMBER: 4304330185
PHONE NUMBER: (281) 366-5798		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1195' FSL x 1405' FWL		COUNTY: Summit
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 4N 8E S		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/31/2000	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Pull completion, flow up casing
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A Notice of Intent was filed June 6, 2000 stating that BP would pull the completion from W30-14 and flow up casing in order to maximize well production. On further investigation and experience from similar wells this action was decided to be uneconomic. W30-14's rate was not high enough to warrant pulling completion. The well remained without any modifications.

RECEIVED
MAR 15 2002
DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Jon Lowe</u>	TITLE <u>Production Engineer</u>
SIGNATURE	DATE <u>March 13, 2002</u>

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached</u>		7. UNIT or CA AGREEMENT NAME: <u>See Attached</u>
2. NAME OF OPERATOR: BP America Production Company		8. WELL NAME and NUMBER: <u>See Attached</u>
3. ADDRESS OF OPERATOR: 501 WestLake Park Blv CITY Houston STATE TX ZIP 77079	PHONE NUMBER: (281) 366-2000	9. API NUMBER: <u>Attached</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Attached</u>		10. FIELD AND POOL, OR WILDCAT: <u>See Attached</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <u>See Attached</u>
		STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BP America Production Company, effective May 1, 2003, has transferred its interest in the attached list of properties to :

Merit Energy Company
13727 Noel Road, Suite 500
Dallas, TX 75240

Transfer of operations is effective July 1, 2003.

By Merit Energy Company

Name Frank N. Dign Title V.P.
Signature [Signature] Date 7/1/03

BP America Production Company
NAME (PLEASE PRINT) David G. Peterson TITLE Attorney-In-Fact
SIGNATURE [Signature] DATE 6/26/03

(This space for State use only)

RECEIVED
JUL 03 2003

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twp-Rng)	Section	Qtr/Qtr	Ft. NS	NS	Ft. EW	EW
43-043-30096-00-00	BP AMERICA PRODUCTION CO	ARE W16-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 NWSW	2137	S		686 W
43-043-30106-00-00	BP AMERICA PRODUCTION CO	ARE 34-2	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		34 NWNW	1036	N		1100 W
43-043-30123-00-00	BP AMERICA PRODUCTION CO	ARE W20-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SENE	2202	N		1592 E
43-043-30129-00-00	BP AMERICA PRODUCTION CO	ARE 29-04ST1	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWNW	627	N		435 W
43-043-30130-00-00	BP AMERICA PRODUCTION CO	ARE E21-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		21 NWSW	2365	S		200 W
43-043-30135-00-00	BP AMERICA PRODUCTION CO	ARE W21-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		21 NWNW	1063	N		401 W
43-043-30136-00-00	BP AMERICA PRODUCTION CO	ARE W29-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWNE	662	N		2460 E
43-043-30138-00-00	BP AMERICA PRODUCTION CO	ARE W16-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 SENE	1314	N		618 E
43-043-30139-00-00	BP AMERICA PRODUCTION CO	ISLAND RANCHING C-1	Water Disposal	Active Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		26 SWSE	1324	S		1722 E
43-043-30143-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 AMOCO C 1	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	4N-7E		23 NWNW	860	N		536 W
43-043-30145-00-00	BP AMERICA PRODUCTION CO	ARE W20-14	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWSW	1518	S		1283 W
43-043-30148-00-00	BP AMERICA PRODUCTION CO	ARE W20-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SWSE	257	S		1640 E
43-043-30154-00-00	BP AMERICA PRODUCTION CO	ARE W29-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWSW	2204	S		22 W
43-043-30156-00-00	BP AMERICA PRODUCTION CO	ARE W30-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NESE	1345	S		968 E
43-043-30157-00-00	BP AMERICA PRODUCTION CO	ARE W36-16	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SESE	890	S		447 E
43-043-30159-00-00	BP AMERICA PRODUCTION CO	ARE W20-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNW	1291	N		936 W
43-043-30162-00-00	BP AMERICA PRODUCTION CO	ARE W32-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		32 NWNW	642	N		791 W
43-043-30164-00-00	BP AMERICA PRODUCTION CO	ARE W31-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 NWNE	468	N		2201 E
43-043-30165-00-00	BP AMERICA PRODUCTION CO	ARE W31-04E	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 NWNW	111	N		737 W
43-043-30167-00-00	BP AMERICA PRODUCTION CO	ARE W36-08	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SENE	1641	N		1183 E
43-043-30168-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 387 B1A	Gas Well	Shut_In	ANSCHUTZ RANCH	SUMMIT	3N-7E		9 SWNW	1837	N		1286 W
43-043-30170-00-00	BP AMERICA PRODUCTION CO	CHAMPLIN 372 D-1	Gas Well	Producing Well	ANSCHUTZ RANCH	SUMMIT	4N-7E		23 NESE	2170	S		680 E
43-043-30176-00-00	BP AMERICA PRODUCTION CO	ARE W17-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		17 NWSE	1765	S		1444 E
43-043-30183-00-00	BP AMERICA PRODUCTION CO	ARE W30-08	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SENE	2109	N		665 E
43-043-30185-00-00	BP AMERICA PRODUCTION CO	ARE W30-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SESW	1195	S		1405 W
43-043-30188-00-00	BP AMERICA PRODUCTION CO	ARE W01-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 SENW	1777	N		1666 W
43-043-30190-00-00	BP AMERICA PRODUCTION CO	ARE W31-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 SWNW	1778	N		640 W
43-043-30204-00-00	BP AMERICA PRODUCTION CO	ARE W19-16	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		19 SWSE	1229	S		1350 E
43-043-30209-00-00	BP AMERICA PRODUCTION CO	ARE W01-02	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 NENW	386	N		2013 W
43-043-30215-00-00	BP AMERICA PRODUCTION CO	ARE W30-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWSE	2230	S		2432 E
43-043-30216-00-00	BP AMERICA PRODUCTION CO	ARE W30-15	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 SESW	626	S		2848 E
43-043-30217-00-00	BP AMERICA PRODUCTION CO	ARE W31-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		31 SENW	1397	N		2181 W
43-043-30218-00-00	BP AMERICA PRODUCTION CO	ARE W30-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWNE	715	N		2182 E
43-043-30220-00-00	BP AMERICA PRODUCTION CO	ARE W40-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWSW	2531	S		7 W
43-043-30226-00-00	BP AMERICA PRODUCTION CO	ARE E28-06	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		28 SENW	1900	N		1652 W
43-043-30227-00-00	BP AMERICA PRODUCTION CO	ARE W36-10	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 NESW	2315	S		3185 E
43-043-30228-00-00	BP AMERICA PRODUCTION CO	ARE W20-02	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNE	319	N		2000 E
43-043-30229-00-00	BP AMERICA PRODUCTION CO	ARE W20-10	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 SENW	2560	N		2567 W
43-043-30231-00-00	BP AMERICA PRODUCTION CO	ARE W16-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		16 SWNW	2756	S		454 W
43-043-30238-00-00	BP AMERICA PRODUCTION CO	ARE W20-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		20 NWNW	702	N		414 W
43-043-30248-00-00	BP AMERICA PRODUCTION CO	ARE W30-12A	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		30 NWSW	1886	S		47 W
43-043-30250-00-00	BP AMERICA PRODUCTION CO	ARE W29-06A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 SENW	1513	N		1548 W
43-043-30251-00-00	BP AMERICA PRODUCTION CO	ARE W29-14A	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		29 NWSW	1786	S		795 W
43-043-30255-00-00	BP AMERICA PRODUCTION CO	ARE W36-14	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E		36 SESW	901	S		1780 W
43-043-30257-00-00	BP AMERICA PRODUCTION CO	ARE E28-12	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		28 NWSW	1994	S		806 W
43-043-30265-00-00	BP AMERICA PRODUCTION CO	ARE W2-10	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		2 NWSE	1959	S		1463 E
43-043-30270-00-00	BP AMERICA PRODUCTION CO	ARE W01-04	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 SWNW	697	N		465 W
43-043-30271-00-00	BP AMERICA PRODUCTION CO	ARE W01-12	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E		1 NWSW	2072	S		1669 W
43-043-30272-00-00	BP AMERICA PRODUCTION CO	ARE W19-08	Gas Injection	Inactive Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E		19 SENE	2227	N		301 E

BP OPERATED PROPERTIES TRANSFERRED TO MERIT ENERGY COMPANY

43-043-30273-00-00	BP AMERICA PRODUCTION CO	ARE W30-06	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	30 SENW	2393 S	1645 W
43-043-30277-00-00	BP AMERICA PRODUCTION CO	ARE W11-1	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	11 NENE	533 N	1486 E
43-043-30279-00-00	BP AMERICA PRODUCTION CO	ARE W30-13	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-7E	25 SESE	597 S	382 E
43-043-30280-00-00	BP AMERICA PRODUCTION CO	ARE W31-05	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	31 SWNW	2361 N	282 E
43-043-30283-00-00	BP AMERICA PRODUCTION CO	ARE W12-04	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	3N-7E	2 SESE	373 S	865 E
43-043-30286-00-00	BP AMERICA PRODUCTION CO	ARE W20-09	Gas Well	Producing Well	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SENE	2360 N	430 E
43-043-30291-00-00	BP AMERICA PRODUCTION CO	ARE W20-03	Gas Well	Shut_In	ANSCHUTZ RANCH EAST	SUMMIT	4N-8E	20 SESW	641 S	1810 W

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		7/1/2003
FROM: (Old Operator):	TO: (New Operator):	
N1990-BP America Production Company 501 WestLake Park Blvd Houston, TX 77079 Phone: (281) 366-2000	N4900-Merit Energy Company 13727 Noel Road, Suite 500 Dallas, TX 75240 Phone: (972) 628-1558	

CA No. Unit: ANSCHUTZ RANCH EAST

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ARE W01-06	01	030N	070E	4304330188	4540	FEE	GW	P
ARE W36-16	36	040N	070E	4304330157	4540	FEE	GW	P
ARE W36-08	36	040N	070E	4304330167	4540	FEE	GW	S
ARE W16-14	16	040N	080E	4304330096	4540	FEE	GW	S
ARE W16-06	16	040N	080E	4304330138	4540	FEE	GW	S
ARE W17-16	17	040N	080E	4304330176	4540	FEE	GW	S
ARE W20-08	20	040N	080E	4304330123	4540	FEE	GW	S
ARE W20-14	20	040N	080E	4304330145	4540	FEE	GW	P
ARE W20-16	20	040N	080E	4304330148	4540	FEE	GW	P
ARE W20-06	20	040N	080E	4304330159	4540	FEE	GW	S
ARE E21-14	21	040N	080E	4304330130	4540	FEE	GW	S
ARE W21-04	21	040N	080E	4304330135	4540	FEE	GW	S
ARE 29-04ST1	29	040N	080E	4304330129	4540	FEE	GW	P
ARE W29-02	29	040N	080E	4304330136	4540	FEE	GW	P
ARE W29-12	29	040N	080E	4304330154	4540	FEE	GW	P
ARE W30-16	30	040N	080E	4304330156	4540	FEE	GW	P
ARE W30-08	30	040N	080E	4304330183	4540	FEE	GW	P
ARE W30-14	30	040N	080E	4304330185	4540	FEE	GW	S
ARE W31-08	31	040N	080E	4304330164	4540	FEE	GW	P
ARE W31-04E	31	040N	080E	4304330165	4540	FEE	GW	S
ARE W32-04	32	040N	080E	4304330162	4540	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/3/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/3/2003
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/7/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1348145-0143
- If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/26/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2003

3. Bond information entered in RBDMS on: 8/26/2003

4. Fee wells attached to bond in RBDMS on: 8/26/2003

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103912218

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/26/2003

COMMENTS:



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 26, 2003

Bruce Williams
BP America Production Company
501 WestLake Park Blvd
Houston, TX 77079

Subject: Notification of Sale or Transfer of Fee Lease Interest

Dear Mr. Williams:

The Division has processed your request for an operator change from BP America Production Company to Merit Energy Company effective July 1, 2003 for the attached list of fee wells.

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Earlene Russell
Engineering Technician

Attachment

cc: Merit Energy Company
Utah Royalty Owners Association

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: WYW109406X
2. NAME OF OPERATOR: Merit Energy Company		8. WELL NAME and NUMBER: ARE W 30 14
3. ADDRESS OF OPERATOR: 13727 Noel Road, Suite 500 CITY Dallas STATE TX ZIP 75240		9. API NUMBER: 4304330185
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1195' FSL & 1405' FWL 6th P.M. COUNTY: Summit		10. FIELD AND POOL, OR WILDCAT: Anschutz Ranch East
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 30 T4N R8E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 7/1/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Installed Gas Lift</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Merit Energy Company installed gas lift on the aforementioned well on 7/01/2005.

CC: BLM - Utah

NAME (PLEASE PRINT) <u>Michal Karam White</u>	TITLE <u>Regulatory Anlayst</u>
SIGNATURE	DATE <u>5/15/2009</u>

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RECEIVED
MAY 19 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: MERIT ENERGY COMPANY	7. UNIT or CA AGREEMENT NAME: ANSCHUTZ RANCH EAST
3. ADDRESS OF OPERATOR: 13727 Noel Rd Ste 500 , Dallas, TX, 75240	8. WELL NAME and NUMBER: ARE W30-14
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1195 FSL 1405 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 30 Township: 04.0N Range: 08.0E Meridian: S	9. API NUMBER: 43043301850000
9. FIELD and POOL or WILDCAT: ANSCHUTZ RANCH EAST	COUNTY: SUMMIT
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/14/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Set CIBP"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company requests approval to set a CIBP above fish left in hole and dump 2 sx cement on top as detailed in the attached procedure. Current wellbore diagram is included in the attachment.

Approved by the Utah Division of Oil, Gas and Mining
Date: March 19, 2012
By: *D. K. Duff*

NAME (PLEASE PRINT) Arlene Valliquette	PHONE NUMBER 972 628-1558	TITLE Regulatory Manager
SIGNATURE N/A	DATE 3/12/2012	

ARE W30-14
Sec. 30-T4N-R8E
Summit County, Utah
API #43-043-30185
11/29/11

Clean out Wellbore and RWTP

Well Data

Tubing: 3-1/2", 9.3#, N-80 VAM
 2-7/8", 6.5#, N-80 EUE
Casing: 7", 32#, L-80 @ 14,058'
TD: 14,058'
PBSD: 13,882'
Elevation: 7,730' KB 7,705' GL

Squeezed Perforations:
 10,978' – 10,980'
 13,980' – 13,982'

Open Perforations:

Nugget

12935-13010 - re-perfed in 3/2007
13035-055, 13072-120
13175-270, 13296-332
13358-366, 13402-426
13451-464, 13476-505
13530-560, 13585-622
13674-696, 13722-810

Fish Detail:

Cut tailpipe – TOF @ 13,882'
Fish covers the following perfs: 13,914'-13,954'

Important Notes:

¼" cap string banded to the outside of the tbg - 12,935'
TIGHT SPOTS in the csg from 12,700' – 13,300'

ARE 30-14

1. MIRU PU, blow well down to sales. ND WH and NU BOPs.
2. POOH with tbg, GL mandrels, and cap string.
3. RIH w/ bit and scraper down to 13,670'. POOH w/ bit and scraper.
 - Tight spots noted in the file from 12,700' – 13,300'
4. RIH w/ CIBP and set @ 13,650' and dump bail 2 sxs cmt.
5. RIH w/ reverse GL system (per Altec's design) with ¼" cap string.
6. ND BOP and NU WH. RDMO.
7. Turn well over to pumper and bring well online slowly increasing gas lift injection volumes.

