

File



OFF: (505) 325-8786

LAB: (505) 325-5667

July 31, 1995

Mr. Frank T. Chavez, District Supervisor
State of New Mexico Oil Conservation Division
Aztec District Office
1000 Rio Brazos Road
Aztec, NM 87410

RECEIVED
AUG - 1 1995
OIL CON. DIV.
DIST. 3

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL

Dear Mr. Chavez:

On behalf of D. J. Simmons Company, Ltd., I do hereby submit this letter of request to intentionally deviate the Simmons S-1 from the vertical by sidetracking. Said well is located in Section 25, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 1090' FNL & 790' FEL. The bottomhole location will be 1584' FNL & 1262' FEL.

The purpose of the sidetracking is improve the drainage of the unit (see engineering notes and Exhibits attached). The bottom hole location is orthodox and within the drilling window for the Blanco Mesa Verde pool.

Your assistance granting administrative approval will be appreciated.

Yours truly,

Robert L. Crabb
On Site Technologies, Ltd.
Agent for D. J. Simmons Company, Ltd.

APPROVAL IS GRANTED FOR THE ABOVE REQUEST

SIGNATURE _____

TYPED OR PRINTED NAME _____

TITLE _____

DATE _____

District I
P.O. Box 1980, Hobbs, NM 88241

District II
P.O. Drawer DD, Artesia, NM 88211

District III
1000 Rio Brazos Rd, Aztec, NM 87410

District IV
P.O. Box 2088, Santa Fe, NM 87504

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

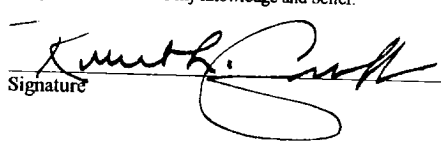
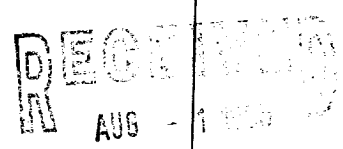
1. API Number		2. Pool Code 72319		3. Pool Name BLANCO MESA VERDE	
4. Property Code		5. Property Name BUREAU OF LAND MANAGEMENT			6. Well Number S-1
7. OGRID No.		8. Operator Name D.J. SIMMONS COMPANY, LTD.			9. Elevation

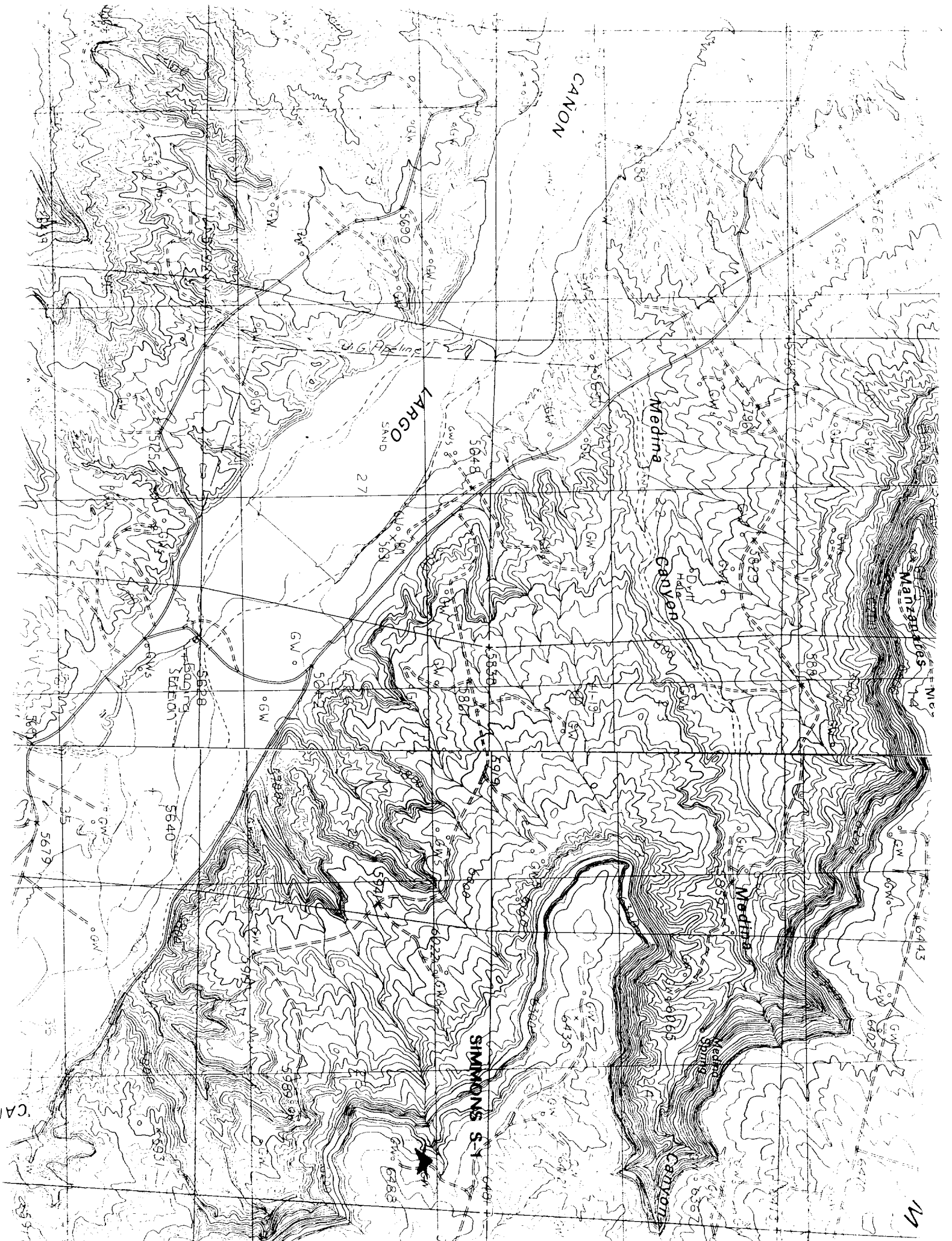
10. Surface Location										
UL or lot no. A	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1090	North/South line NORTH	Feet from the 790	East/West line EAST	County SAN JUAN	

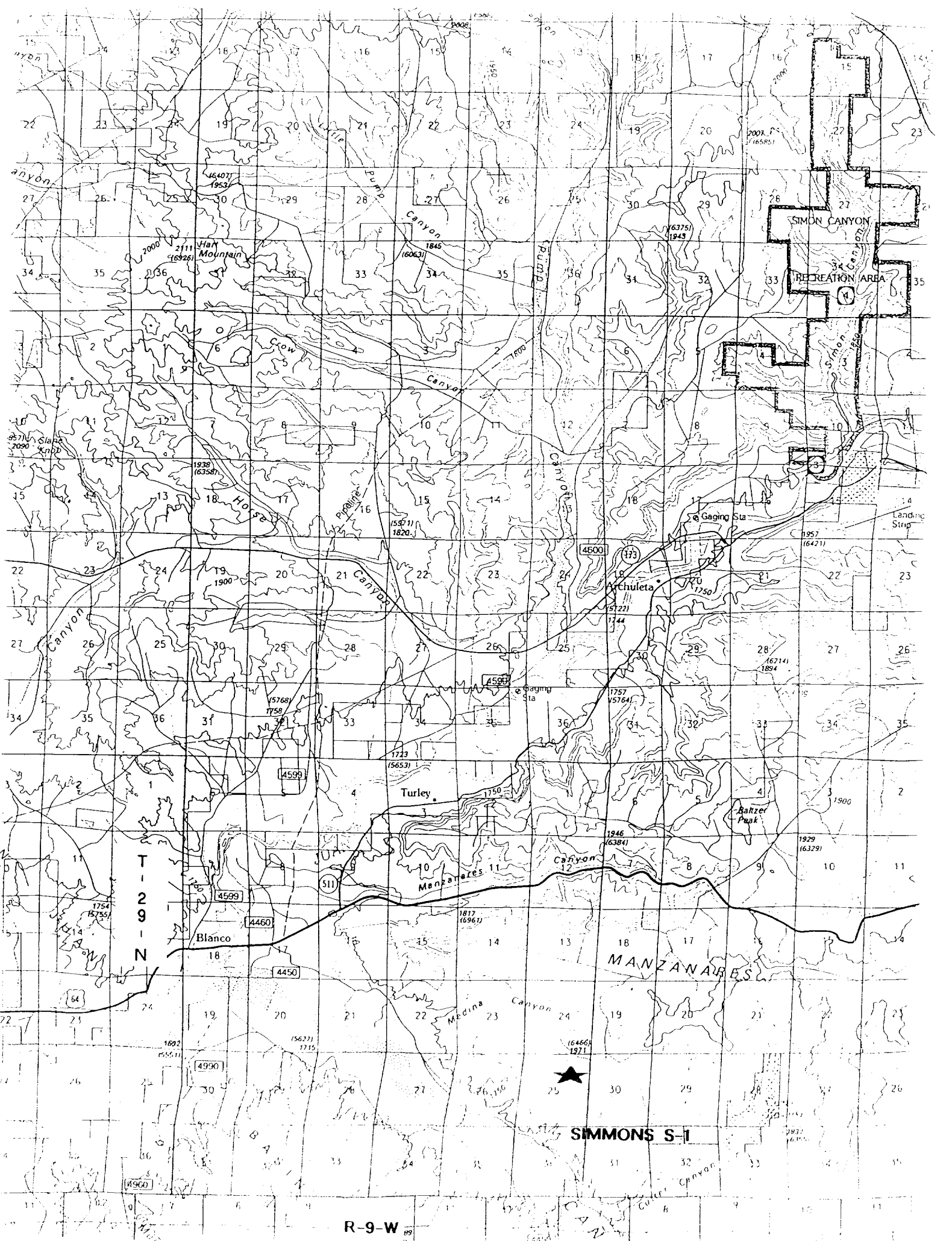
11. Bottom Hole Location If Different From Surface										
UL or lot no. H	Section 25	Township 29 North	Range 9 West	Lot Idn	Feet from the 1584	North/South line NORTH	Feet from the 1262	East/West line EAST	County SAN JUAN	

12. Dedicated Acres 320	13. Joint or Infill	14. Consolidation Code	15. Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16.	ORIGINAL LOCATION			17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Printed Name ROBERT L. CRABB Title AGENT FOR D.J. SIMMONS COMPANY, LTD Date JULY 31, 1995
	BOTOM HOLE LOCATION			
	 OIL CONSERVATION DIVISION			
	18. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyer Certificate Number			





T-29 N

R-9 W

SIMONS S-1

MANZANAR

SIMON CANYON
RECREATION AREA

Blanco

Turley

Bahzer Peak

Archuleta

Man Mountain

Manzanar

Medina Canyon

Canyon

Crow

Canyon

Prairie

Canyon

Canyon

Canyon

Canyon

Canyon

Slab

Canyon

Canyon

Canyon

Canyon

Canyon

Canyon

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ENGINEERING NOTES

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Sinmons S-1

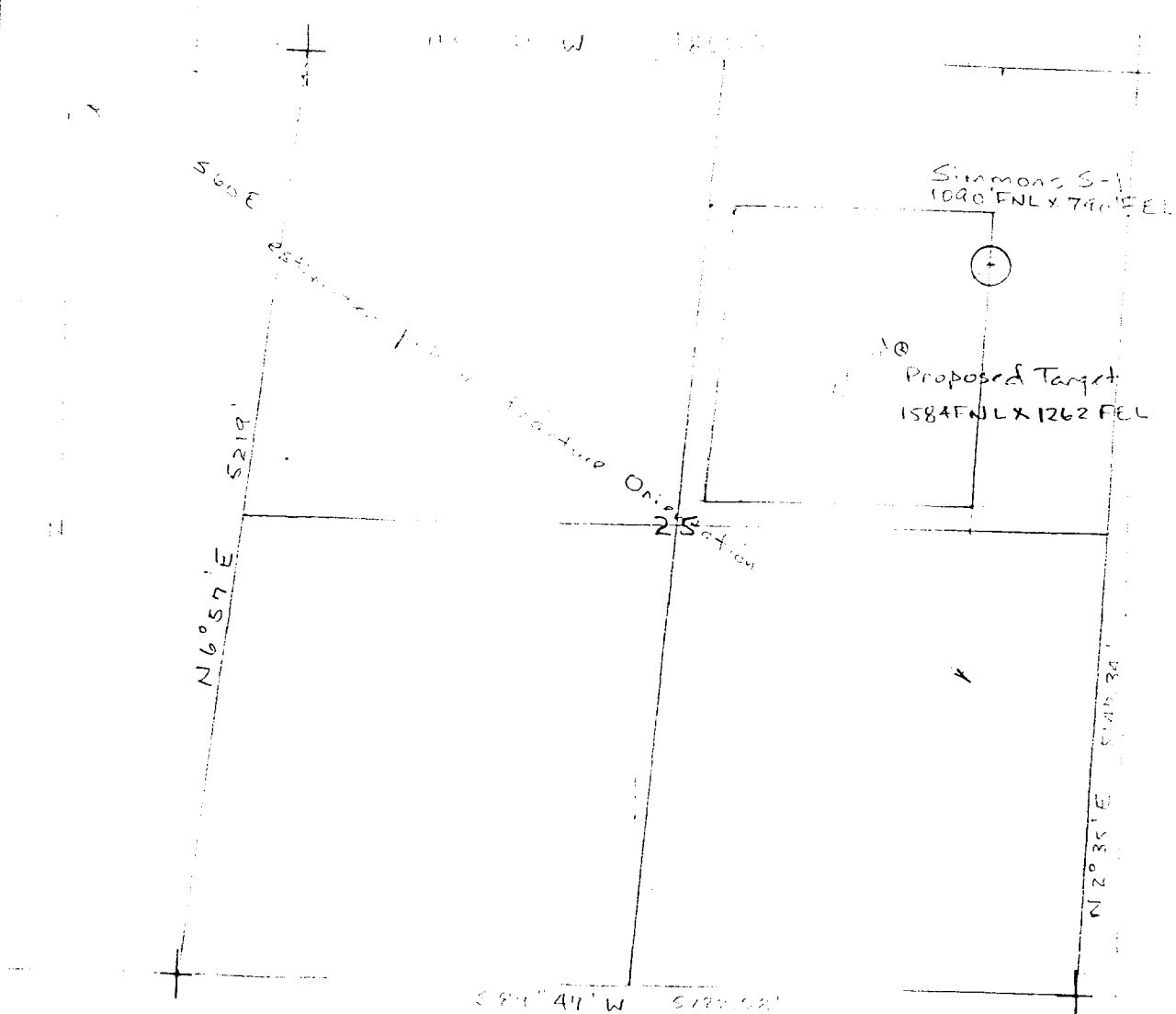
Ebnico Verde Sidetrack
Directional Drilling Plan

Engineering Calculations

On Site Technologies Ltd
R. Griffin
7/24/95

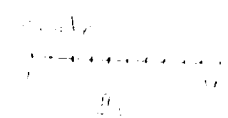
Section 25 7290' x 1000'
St. John County, ME

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Hykins Map Services
2014 Survey

FC Gifford
A Site Technologies Ltd.



Simmons S-1
Blanco MV Sidetrack

Operations Outline

1. Plugback open hole to 4350'. 185' inside of csg set @ 4535'
2. Repair 7" x 8 3/4" annulus by squeeze cementing. Cement to Surface
3. Cut Window in 7" csg 4300 - 4450'
4. Directionally drill 6 1/4" hole to target.
 - a. KOP = 4400'
 - b. build @ 10°/100' to 45° @ 4850' NL, 4805.62' TVD.
 - c. Target Location - bottom of Point Lookout
493.79' south and 493.79' west of Surface Locn.
Legal coordinates BHL:
1583.79' ENL x 1261.51' FEL
5. Log. Run 4 1/2" csg to surface. Cement TD to 4350' inside 7" csg
6. Perf 1/2" Frac Mesa Verde Sands.

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



1121/25

Flomberg S-1
Cased & Well base Schenck

H. Griffiths
On Site Technologies Ltd

22-1141 10 SURVEY
22-1142 10 SURVEY
22-1143 10 SURVEY
22-1144 10 SURVEY



1000'

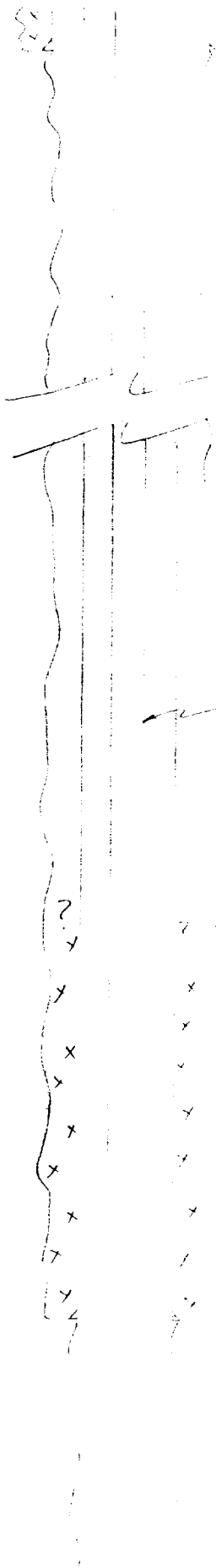
2000'

3000'

4000'

5000'

6000'



11 3/4" 37 PPF, JSS
@ 114'

2 3/8" 4.7 PPF
JSS EUE
+bg.
@ 5400'

? Top
unknown

7" 23 PPF, JSS, CTC
@ 4335'

6 1/4" hole
Nitro Shot Oper. 1st
Completion 2/5/00

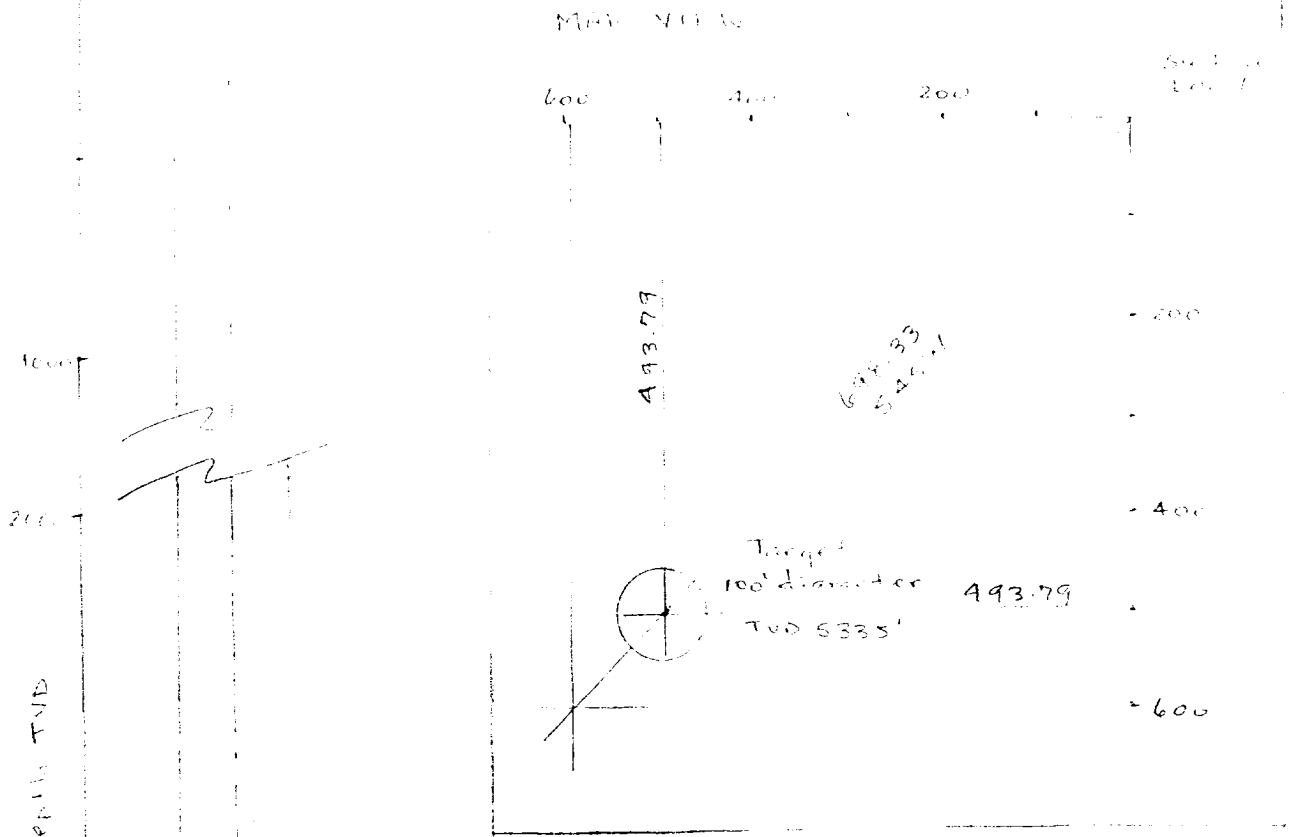
1946
Ojo Alamo 2046
Kintland

2937
P.C.
Lewis 3032

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CUTTHOUSE
4200
Mene Fee

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4500
4600
4700
4800
4900
5000
5100
5200
5300
5400
5500
5600
5700
5800
5900
6000

Comanche Well - Target



R. Gaffney
On Site Technologies Ltd.

4300
Window
KOP 4400
4450

4335' <

Lease
Crest Hill
Mantle

ray angle 45°

72-181 50 SWEETS
13-122 100 SWEETS
13-122 100 SWEETS



Simmons S-1

Build rate 10 deg/100 ft

Measured Delta Depth	Inclination Course	avg Inclination	Direction	Delta TVD	Delta Departure	Total TVD	Total Departure	South Delta	West Delta	South Coor	West Coor
Original Vertical Section											
0	0										
4400	4400	0	0 N45E	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		4400									
Build Section											
4400		0	0 S45W	0.00	0.00	4400.00	0.00	0.00	0.00		
4500	100	10	5 S45W	99.62	8.72	4499.62	8.72	6.16	6.16	6.16	6.16
4600	100	20	15 S45W	96.59	25.88	4596.21	34.60	18.30	18.30	24.46	24.46
4700	100	30	25 S45W	90.63	42.26	4686.84	76.86	29.88	29.88	54.35	54.35
4800	100	40	35 S45W	81.92	57.36	4768.76	134.22	40.56	40.56	94.91	94.91
4850	50	45	42.5 S45W	36.86	33.78	4805.62	168.00	23.89	23.89	118.79	118.79
Hold Point:		4850									
Hold Section											
4900	50	45	45 S45W	35.36	35.36	4840.98	203.35	25.00	25.00	143.79	143.79
5000	100	45	45 S45W	70.71	70.71	4911.69	274.06	50.00	50.00	193.79	193.79
5100	100	45	45 S45W	70.71	70.71	4982.40	344.77	50.00	50.00	243.79	243.79
5200	100	45	45 S45W	70.71	70.71	5053.11	415.48	50.00	50.00	293.79	293.79
5300	100	45	45 S45W	70.71	70.71	5123.82	486.19	50.00	50.00	343.79	343.79
5400	100	45	45 S45W	70.71	70.71	5194.53	556.91	50.00	50.00	393.79	393.79
5500	100	45	45 S45W	70.71	70.71	5265.24	627.62	50.00	50.00	443.79	443.79
5600	100	45	45 S45W	70.71	70.71	5335.95	698.33	50.00	50.00	493.79	493.79
5700	100	45	45 S45W	70.71	70.71	5406.66	769.04	50.00	50.00	543.79	543.79
5800	100	45	45 S45W	70.71	70.71	5477.37	839.75	50.00	50.00	593.79	593.79

Calculations

assume due cut

$$2^{\circ} 35' = 2.5833^{\circ}$$

$$5000 \div \cos 2.5833^{\circ} = 5005.09$$

$$5005.09 \times \sin 2.5833^{\circ} = 225.59$$

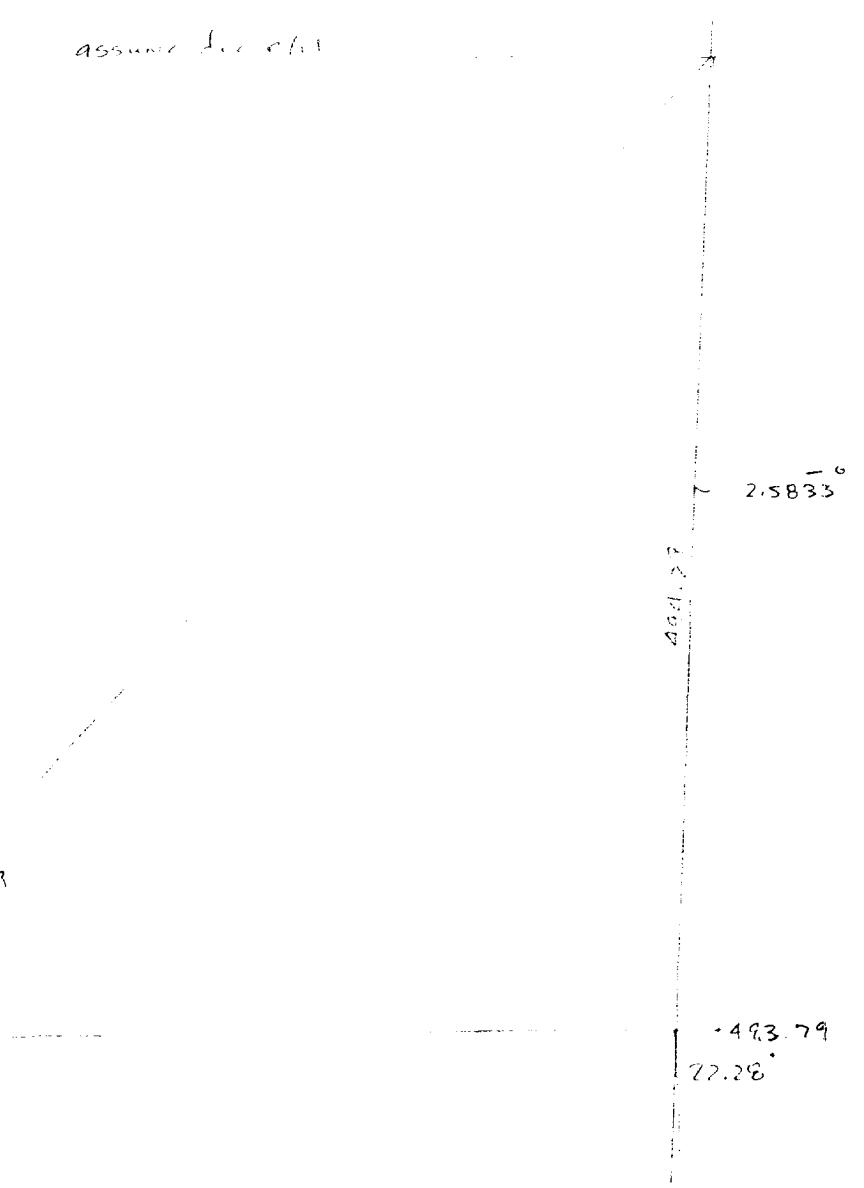
$$493.79 \div \cos 2.5833^{\circ} = 494.29$$

$$494.29 \times \sin 2.5833^{\circ} = 22.28$$

$$790 + 493.79 - 22.28$$

$$= 1261.51 \text{ FFL}$$

$$1010 + 493.79 - 22.28 = 1481.51 \text{ FFL}$$





Mr. Van Goebel
Meridian Oil & Gas, Inc.
P.O. Box 42489
Farmington, NM 87499

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL

Dear Mr. Goebel:

On behalf of D J. Simmons Company, Ltd., On Site Technologies, Ltd. is applying for administrative approval to sidetrack for the four following well locations:

HAMNER A-1, SECTION 21, T-29-N, R-9-W
SIMMONS E-1, SECTION 26, T-29-N, R-9-W
SIMMONS E-2, SECTION 23, T-29-N, R-9-W
SIMMONS S-1, SECTION 25, T-29-N, R-9-W

These four locations were completed in the early 1950's as open hole completions. It is our belief that by sidetracking with modern technological methods, we can obtain improved drainage of the unit while remaining within the drilling window.

If you, as an offset operator, have no objections to this proposed action, please sign the attached waivers and return one copy of the signed document to the NMOCD in Aztec and the original to On Site Technologies, Ltd. I have enclosed self addressed envelopes for your convenience.

If you have any questions, regarding this application, please contact me.

Thank you for your assistance.

Yours truly,

A handwritten signature in black ink, appearing to read "Robert L. Crabb", written over a white background.

Robert L. Crabb
Agent for D J. Simmons Company, Ltd.

enclosures

cc D J. Simmons Company, Ltd.
NMOCD



Mr. Pete Mueller
Amoco, Inc.
P.O. Box 800
Denver, CO 80701

RE: REQUEST FOR ADMINISTRATIVE APPROVAL TO INTENTIONALLY
DEVIATE A WELL FROM VERTICAL

Dear Mr. Mueller:

On behalf of D J. Simmons Company, Ltd., On Site Technologies, Ltd. is applying for administrative approval to sidetrack for the four following well locations:

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Thank you for your assistance.

Yours truly,

A handwritten signature in black ink, appearing to read "Robert L. Crabb", written over a large, stylized, circular flourish.

Robert L. Crabb
Agent for D J. Simmons Company, Ltd

enclosures
cc D J. Simmons Company, Ltd
12/20/01

