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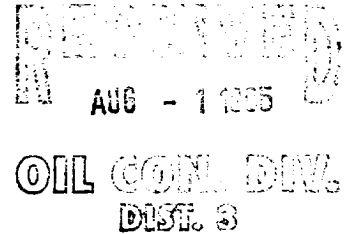


OFF: (505) 325-8786

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



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 Hamner A-1 from the vertical by sidetracking. Said well is located in Section 21, T-29-N, R-9-W, San Juan County, New Mexico. The surface hole location is 590' FSL & 1090' FWL. The bottomhole location will be 1136' FSL & 1405' FWL.

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.

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APPROVAL IS GRANTED FOR THE ABOVE REQUEST

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SIGNATURE

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TYPED OR PRINTED NAME

---

TITLE

---

DATE

P. O. BOX 2606 • FARMINGTON, NM 87499

TECHNOLOGY BUILDING - PROTECTING THE ENVIRONMENT

**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 A-1
7. OGRID No.		8. Operator Name J.D. SIMMONS COMPANY, LTD.			9. Elevation


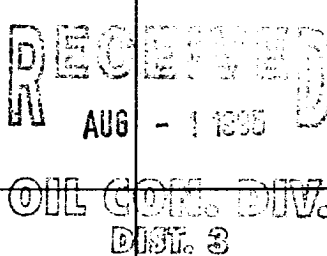
**10. Surface Location**

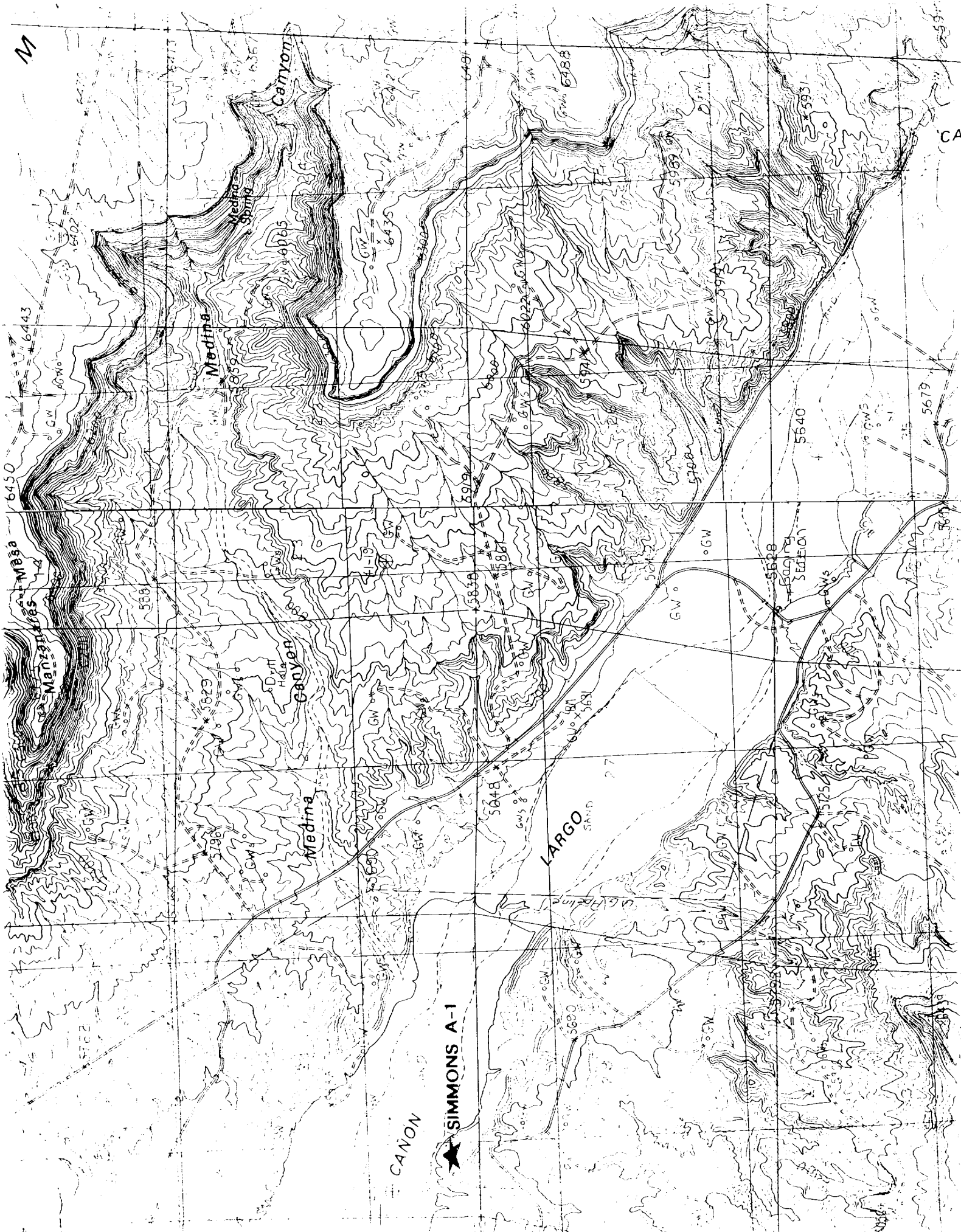
UL or lot no. M	Section 21	Township 29 North	Range 9 West	Lot Idn	Feet from the 590	North/South line SOUTH	Feet from the 1090	East/West line WEST	County SAN JUAN
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**11. Bottom Hole Location If Different From Surface**

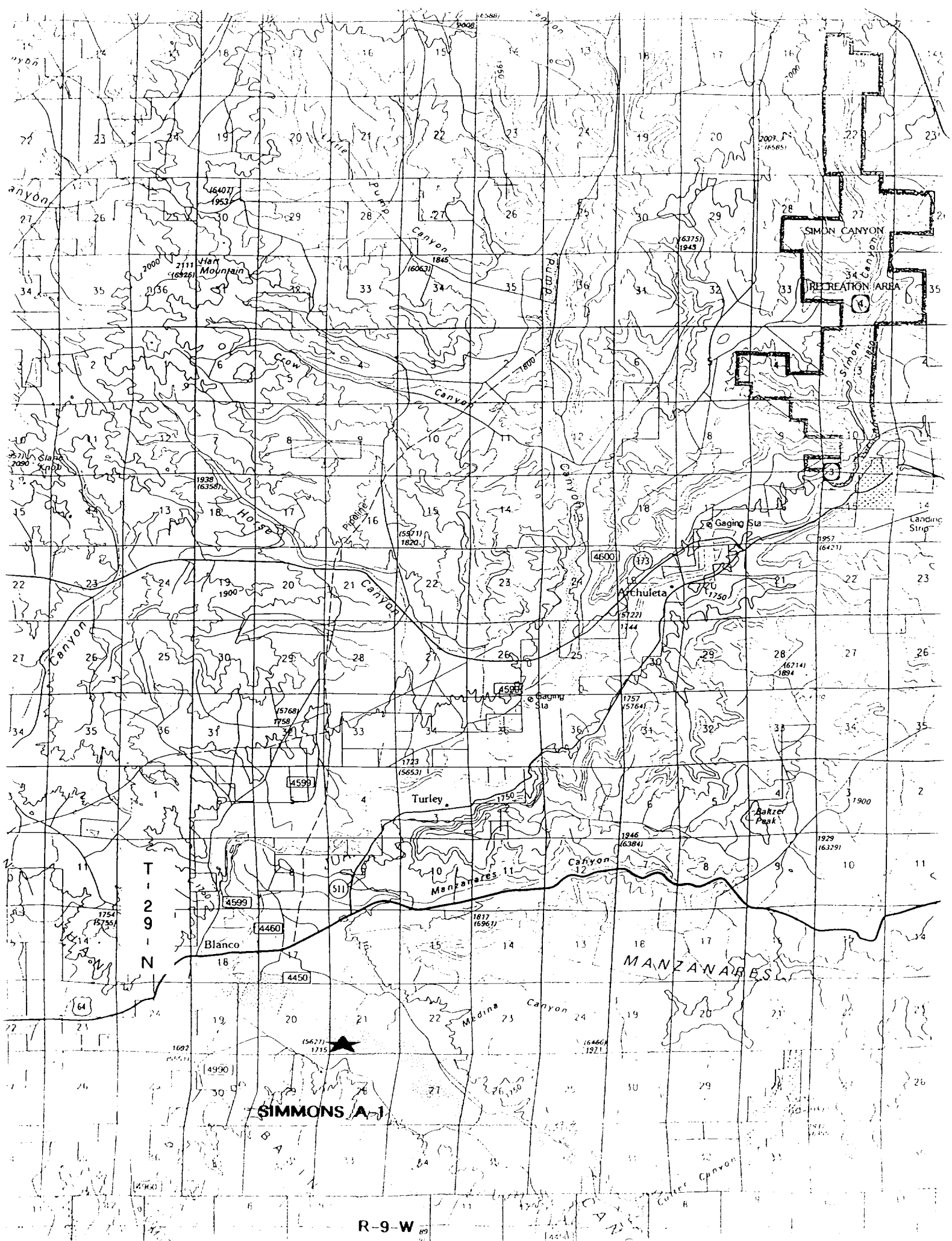
UL or lot no. N	Section 21	Township 29 North	Range 9 West	Lot Idn	Feet from the 1136	North/South line SOUTH	Feet from the 1405	East/West line WEST	County SAN JUAN
12. Dedicated Acres 320		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**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.           <p align="center"><b>BOTOM HOLE LOCATION</b></p> <p align="center"><b>ORIGINAL LOCATION</b></p>	17. <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature  Printed Name ROBERT I CRABB Title Agent for J.D. Simmons Company, Ltd.  Date July 31, 1995			
	<p align="center">  </p>			
	18. <b>SURVEYOR CERTIFICATION</b> 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			



 SIMMONS A-1



## ENGINEERING NOTES

L.V. Hamner A-1

Blanco Mesa Verde Sidetrack  
Directional Drilling Plan

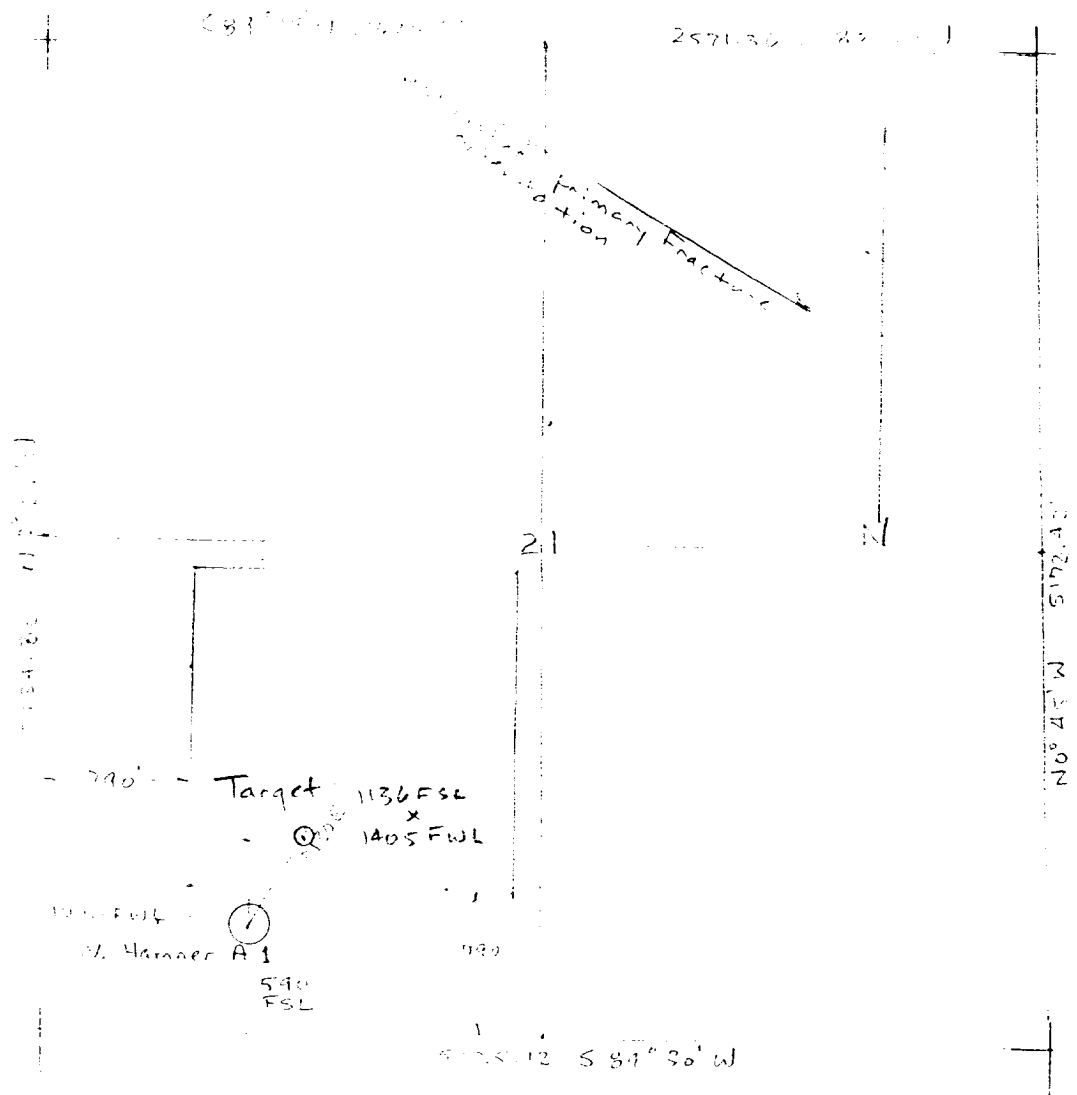
Engineering Calculations

On Site Technologies Ltd.  
R. Griffer  
11/24/95

9/24/95

2000 ft. 100 ft.  
 2000 ft. 100 ft.

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



2000 ft. 100 ft.  
 2000 ft. 100 ft.

2000 ft. 100 ft.  
 2000 ft. 100 ft.

R. G. G. G.  
 G. G. G. Technologies Ltd

7/24/15

L.V. H. 100' A 1  
E.H. 100' A 1

Operation 100' A 1

1. Plug back open hole to 3550'. 143' inside 7" csg set @ 3643'.
2. Repair 7" x 8 3/4" annulus by squeeze cementing. Cement to surface.
3. Cut Window in 7" csg 3450 - 3600'.
4. Directionally drill 6 1/4" hole to target
  - a. KOP = 3550'
  - b. build @ 10°/100' to 45° @ 4000' MD and 3955.62' TVD.
  - c. Target Location - bottom of Point Lookout  
545.98' north and 315.22' east of Surface Locn.  
Legal Coordinates BHL:  
1135.98' FSL x 1405.22' FWL
5. Log. Run 4 1/2" csg to surface. Cement TL to 3500' inside 7" csg.
6. Perf 1/2" Frac Mesa Verde Sands

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





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

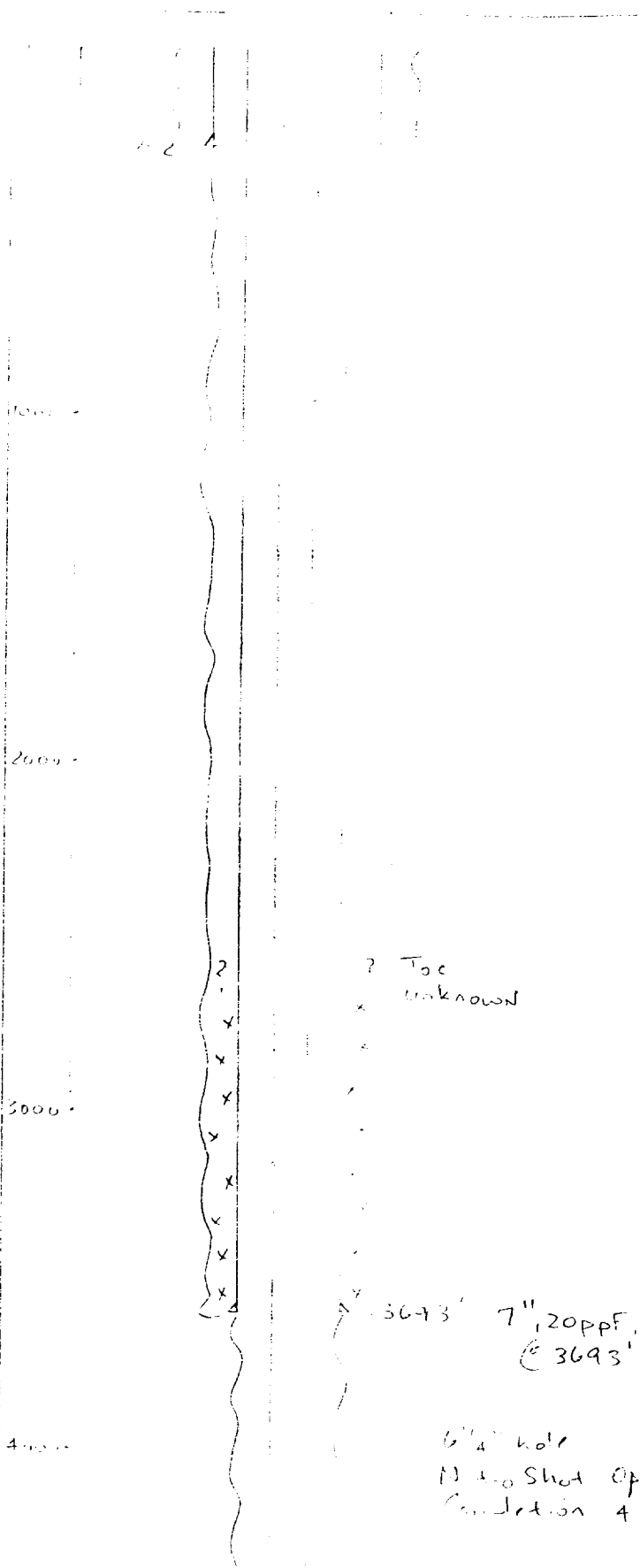


7-24/95

LVH 11/1/94 2-1  
Cable & Wellbore Services

W. 11/1/94

Cable & Technology Inc.



? Toe  
Unknown

3643' 7" 20ppF, JSS  
3693'

6" 4" hole  
N 40 Shot Open hole  
Completion 4/84

Looker

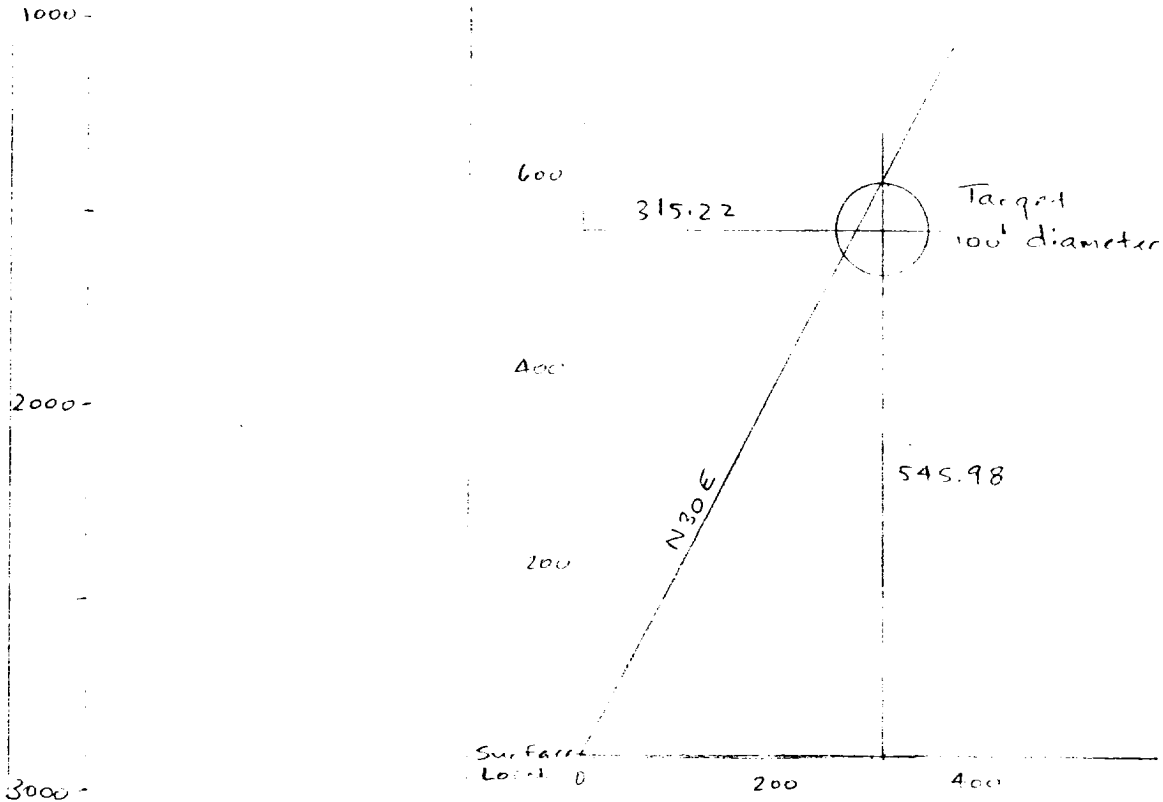
441

1.25

7/20/01

MAP THE SURFACE OF THE EARTH

MAP VIEW



R. Gifford  
Orbit Technologies Ltd.

Window

KOP 3550

3600, 4

max angle 45°

Point Level

4418

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



L.V. Hammer A-1

Build rate 10 deg/100 ft

Measured Delta Depth	Inclination Course	avg (degrees)	Direction Inclination	Delta TVD	Delta Departure	Total TVD	Total Departure	North Delta	East Delta	North Coor	East Coor
Original Vertical Section											
0	0										
3550	3550	0	0 N30E	0.00	0.00	3550.00	0.00	0.00	0.00	0.00	0.00
Kick Off Point:		3550									
Build Section											
3550		0	0 N30E	0.00	0.00	3550.00	0.00	0.00	0.00		
3650	100	10	5 N30E	99.62	8.72	3649.62	8.72	7.55	4.36	7.55	4.36
3750	100	20	15 N30E	96.59	25.88	3746.21	34.60	22.41	12.94	29.96	17.30
3850	100	30	25 N30E	90.63	42.26	3836.84	76.86	36.60	21.13	66.56	38.43
3950	100	40	35 N30E	81.92	57.36	3918.76	134.22	49.67	28.68	116.24	67.11
4000	50	45	42.5 N30E	36.86	33.78	3955.62	168.00	29.25	16.89	145.49	84.00
Hold Point:		4250									
Hold Section											
4050	50	45	45 N30E	35.36	35.36	3990.98	203.35	30.62	17.68	176.11	101.68
4150	100	45	45 N30E	70.71	70.71	4061.69	274.06	61.24	35.36	237.35	137.03
4250	100	45	45 N30E	70.71	70.71	4132.40	344.77	61.24	35.36	298.58	172.39
4350	100	45	45 N30E	70.71	70.71	4203.11	415.48	61.24	35.36	359.82	207.74
4450	100	45	45 N30E	70.71	70.71	4273.82	486.19	61.24	35.36	421.06	243.10
4550	100	45	45 N30E	70.71	70.71	4344.53	556.91	61.24	35.36	482.29	278.45
4650	100	45	45 N30E	70.71	70.71	4415.24	627.62	61.24	35.36	543.53	313.81
4654	4	45	45 N30E	2.83	2.83	4418.07	630.44	2.45	1.41	545.98	315.22
4750	96	45	45 N30E	67.88	67.88	4485.95	698.33	58.79	33.94	604.77	349.16
4850	100	45	45 N30E	70.71	70.71	4556.66	769.04	61.24	35.36	666.01	384.52



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,

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

enclosures  
cc D J. Simmons Company, Ltd.  
LRM/CTD

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:

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.

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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 horizontal line.

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

enclosures  
cc: D J. Simmons Company, Ltd.  
NMOCD