

R 1 W

**T
27
N**

En Re 9 JAT	En Re 10 JAT	En Re 11 JAT
En Re 16 120 ● JAT	En Re 15 ○ — — — ○ JAT	En Re 14 JAT
167 ● En Re 21 JAT	En Re 22 JAT	En Re 23 JAT



SCALE 1" = 3000'

En Re CORPORATION

LAND OWNERSHIP PLAT
En Re CORPORATION, LOS INDIOS CANYON 15N #1
RIO ARRIBA CO., NEW MEXICO

**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 11128 Exhibit No. 1

Submitted by: EnRe Corporation

Hearing Date: October 27, 1994

LEGEND

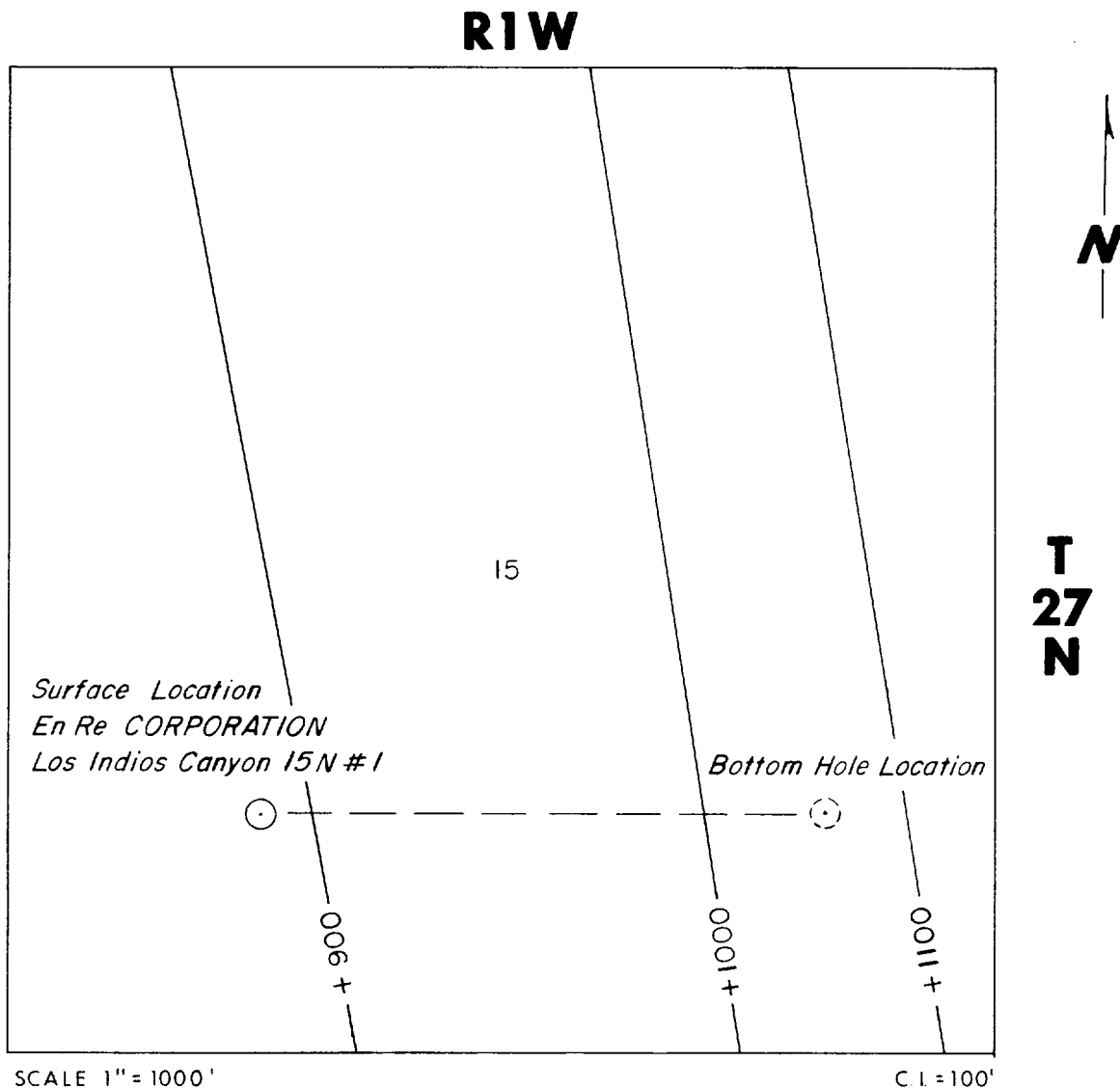
JAT - Jicarilla Apache Tribe

EnRe - Lease Holder Name

14 ● Cum Oil Production (MBO)

○ Proposed Location

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE



BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 11128 Exhibit No. 3

Submitted by: EnRe Corporation

Hearing Date: October 27, 1994

EnRe CORPORATION

STRUCTURE MAP (TOP MANCOS "B")

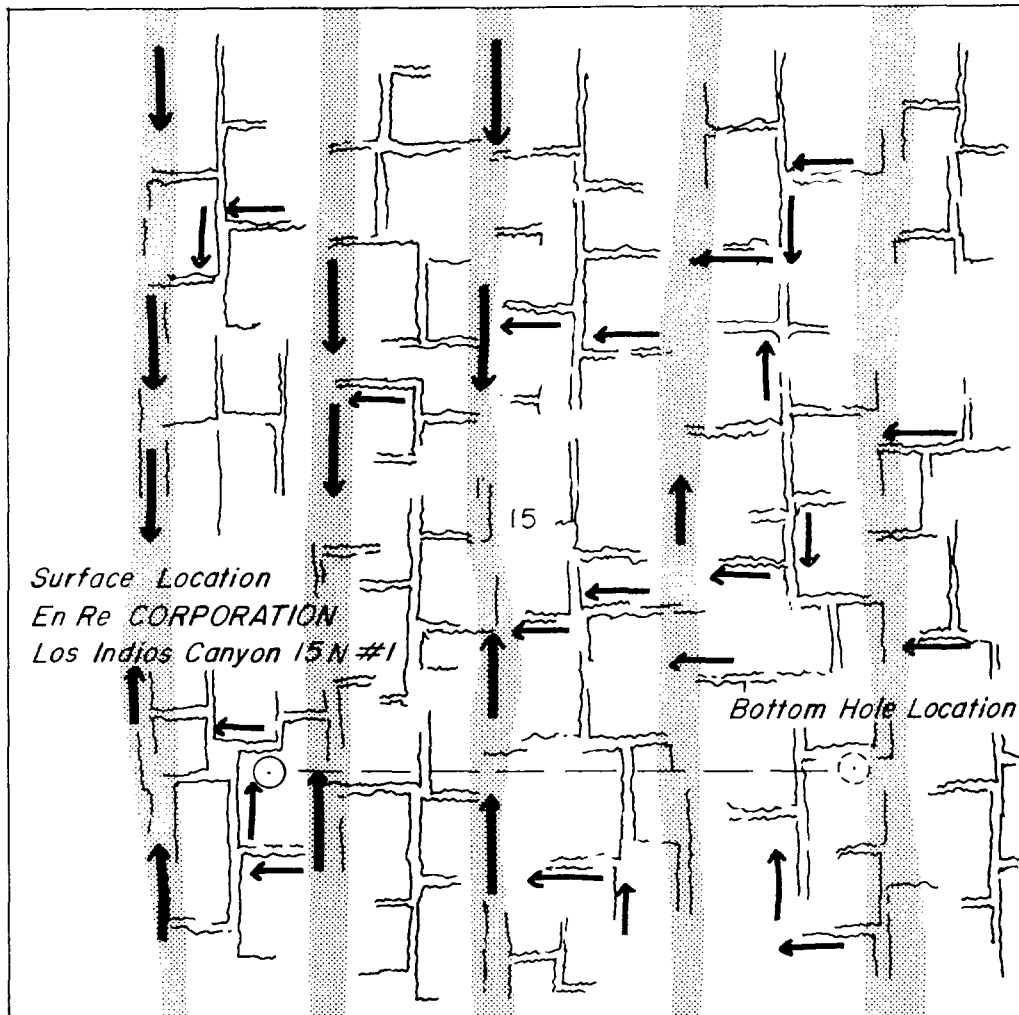
HORIZONTAL WELL BORE LOCATION

EnRe CORPORATION, LOS INDIOS CANYON 15N #1

SEC. 15, T 27N - R 1W

RIO ARRIBA CO., NEW MEXICO

R1W



SCALE 1" = 1000'

En Re CORPORATION

FRACTURE SYSTEM MODEL

-  Major N-S Fracture "Zones"
-  Minor Fractures -Gravity Drainage
-  Hi Perm oil flow
-  Low Perm

En Re CORPORATION, LOS INDIOS CANYON 15N #1

SEC. 15, T 27 N - R 1 W

RIO ARRIBA CO., NEW MEXICO

**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 11128 Exhibit No. 4

Submitted by: EnRe Corporation

Hearing Date: October 27, 1994

EnRe CORPORATION
LOS INDIOS CANYON 15N-#1
SEC 15-T21N-R01W
RIO ARRIBA CO., NEW MEXICO

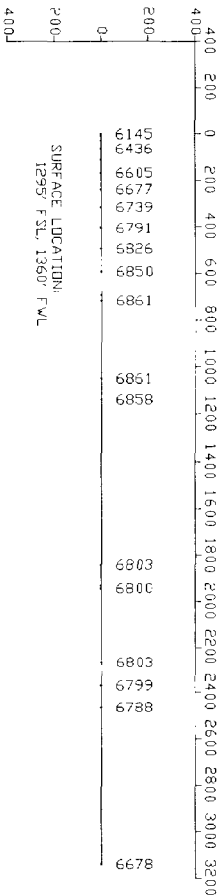
**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 11128 Exhibit No. 5

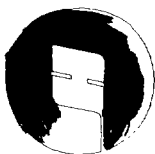
Submitted by: EnRe Corporation

Hearing Date: October 27, 1994

HORIZONTAL VIEW
SCALE 200 ft. / DIVISION
SURVEY REF: WELLHEAD

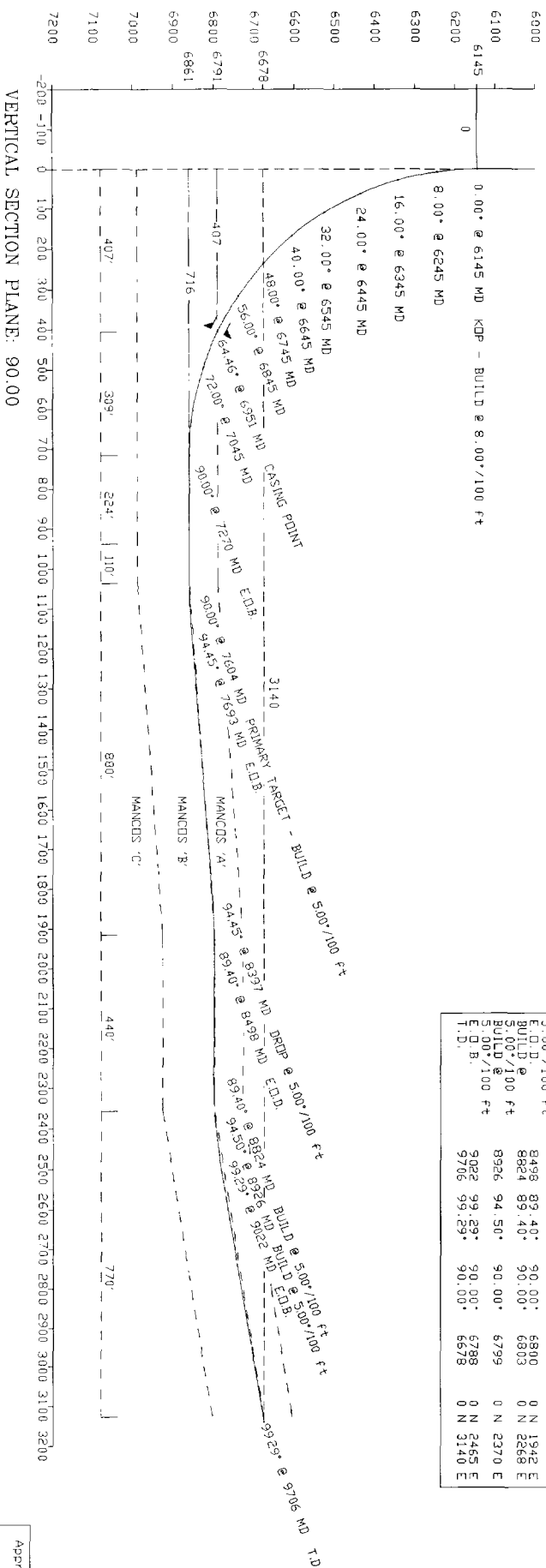


10/7/94 3:04 pm



HALLEBUTTEN

VERTICAL VIEW
SCALE 100 ft. / DIVISION
TVD REF: WELLHEAD
VERTICAL SECTION REF: WELLHEAD



CRITICAL POINT DATA									
MD	Inc	Azi	TVD	N/S	E/W	0 ft	0 ft	0 ft	0 ft
KDP - BUILD @	6145	0.00°	6145	0 N	407 E	0.00°	0.00°	0.00°	0.00°
8.00°/100 ft									
CASING POINT	6145	0.00°	6145	0 N	407 E	0.00°	0.00°	0.00°	0.00°
8.00°/100 ft									
PRIMARY TARGET	7604	90.00°	7604	0 N	1050 E	0.00°	0.00°	0.00°	0.00°
5.00°/100 ft									
E.O.D.	7593	94.45°	7593	0 N	1139 E	0.00°	0.00°	0.00°	0.00°
5.00°/100 ft									
DRIP @	8397	94.45°	8397	0 N	1841 E	0.00°	0.00°	0.00°	0.00°
5.00°/100 ft									
BUILD @	8498	89.40°	8498	0 N	1942 E	0.00°	0.00°	0.00°	0.00°
3.00°/100 ft									
5.00°/100 ft	8824	89.40°	8824	0 N	2268 E	0.00°	0.00°	0.00°	0.00°
5.00°/100 ft									
E.O.D.	9022	99.29°	9022	0 N	2370 E	0.00°	0.00°	0.00°	0.00°
5.00°/100 ft									
T.D.	9706	99.29°	9706	0 N	3140 E	0.00°	0.00°	0.00°	0.00°

Approved By

HALLIBURTON ENERGY SERVICES - Drilling Systems

Page 1

Proposal Report

Date: 10/7/94
Time: 3:57 pm
Wellpath ID: PROPOSAL
Last Revision: 10/7/94

Calculated using the Minimum Curvature Method
Computed using WIN-CADDS REV2.1.A
Vertical Section Plane: 90.00 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EnRe CORPORATION
LOS INDIOS CANYON 15N-#1
SEC 15-T21N-R01W
RIO ARRIBA CO., NEW MEXICO

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft) (ft)		Closure Dist. Dir. (ft) (deg.)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)	DLS (dg/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@ 0.00	0.00	0.00	0.00
KOP - BUILD @ 8.00 deg/100 ft											
6144.80	0.00	0.00	6144.80	6144.80	0.00	0.00 N	0.00 E	0.00@ 0.00	0.00	0.00	0.00
6244.80	8.00	90.00	100.00	6244.48	6.97	0.00 N	6.97 E	6.97@ 90.00	8.00	0.00	8.00
6344.80	16.00	90.00	100.00	6342.21	27.74	0.00 N	27.74 E	27.74@ 90.00	8.00	0.00	8.00
6444.80	24.00	90.00	100.00	6436.11	61.92	0.00 N	61.92 E	61.92@ 90.00	8.00	0.00	8.00
6544.80	32.00	90.00	100.00	6524.33	108.83	0.00 N	108.83 E	108.83@ 90.00	8.00	0.00	8.00
6644.80	40.00	90.00	100.00	6605.17	167.56	0.00 N	167.56 E	167.56@ 90.00	8.00	0.00	8.00
6744.80	48.00	90.00	100.00	6677.04	236.97	0.00 N	236.97 E	236.97@ 90.00	8.00	0.00	8.00
6844.80	56.00	90.00	100.00	6738.56	315.70	0.00 N	315.70 E	315.70@ 90.00	8.00	0.00	8.00
6944.80	64.00	90.00	100.00	6788.52	402.24	0.00 N	402.24 E	402.24@ 90.00	8.00	0.00	8.00
CASING POINT											
6950.51	64.46	90.00	5.71	6791.00	407.38	0.00 N	407.38 E	407.38@ 90.00	8.00	0.00	8.00
7044.80	72.00	90.00	94.29	6825.95	494.88	0.00 N	494.88 E	494.88@ 90.00	8.00	0.00	8.00
7144.80	80.00	90.00	100.00	6850.12	591.83	0.00 N	591.83 E	591.83@ 90.00	8.00	0.00	8.00
7244.80	88.00	90.00	100.00	6860.56	691.20	0.00 N	691.20 E	691.20@ 90.00	8.00	0.00	8.00
E.O.B.											
7269.80	90.00	90.00	25.00	6861.00	716.20	0.00 N	716.20 E	716.20@ 90.00	8.00	0.00	8.00
PRIMARY TARGET - BUILD @ 5.00 deg/100 ft											
7603.61	90.00	90.00	333.80	6861.00	1050.00	0.00 N	1050.00 E	1050.00@ 90.00	0.00	0.00	0.00
E.O.B.											
7692.57	94.45	90.00	88.97	6857.55	1138.88	0.00 N	1138.88 E	1138.88@ 90.00	5.00	0.00	5.00
DROP @ 5.00 deg/100 ft											
8396.94	94.45	90.00	704.36	6802.92	1841.12	0.00 N	1841.12 E	1841.12@ 90.00	0.00	0.00	0.00
8485.91	90.00	90.00	88.97	6799.46	1930.00	0.00 N	1930.00 E	1930.00@ 90.00	-5.00	0.00	5.00
E.O.D.											
8497.88	89.40	90.00	11.97	6799.53	1941.97	0.00 N	1941.97 E	1941.97@ 90.00	-5.00	0.00	5.00
BUILD @ 5.00 deg/100 ft											
8824.04	89.40	90.00	326.16	6802.93	2268.12	0.00 N	2268.12 E	2268.12@ 90.00	0.00	0.00	0.00
8924.04	94.40	90.00	100.00	6799.62	2368.03	0.00 N	2368.03 E	2368.03@ 90.00	5.00	0.00	5.00
BUILD @ 5.00 deg/100 ft											
8926.02	94.50	90.00	1.97	6799.46	2370.00	0.00 N	2370.00 E	2370.00@ 90.00	5.00	0.00	5.00
E.O.B.											
9021.91	99.29	90.00	95.89	6787.95	2465.17	0.00 N	2465.17 E	2465.17@ 90.00	5.00	0.00	5.00
T.D.											
9705.72	99.29	90.00	683.81	6677.51	3140.00	0.00 N	3140.00 E	3140.00@ 90.00	0.00	0.00	0.00